

ATTACHMENT 9

3D Tomography imaging of the CSL logs

Abutment 1 Shaft 2

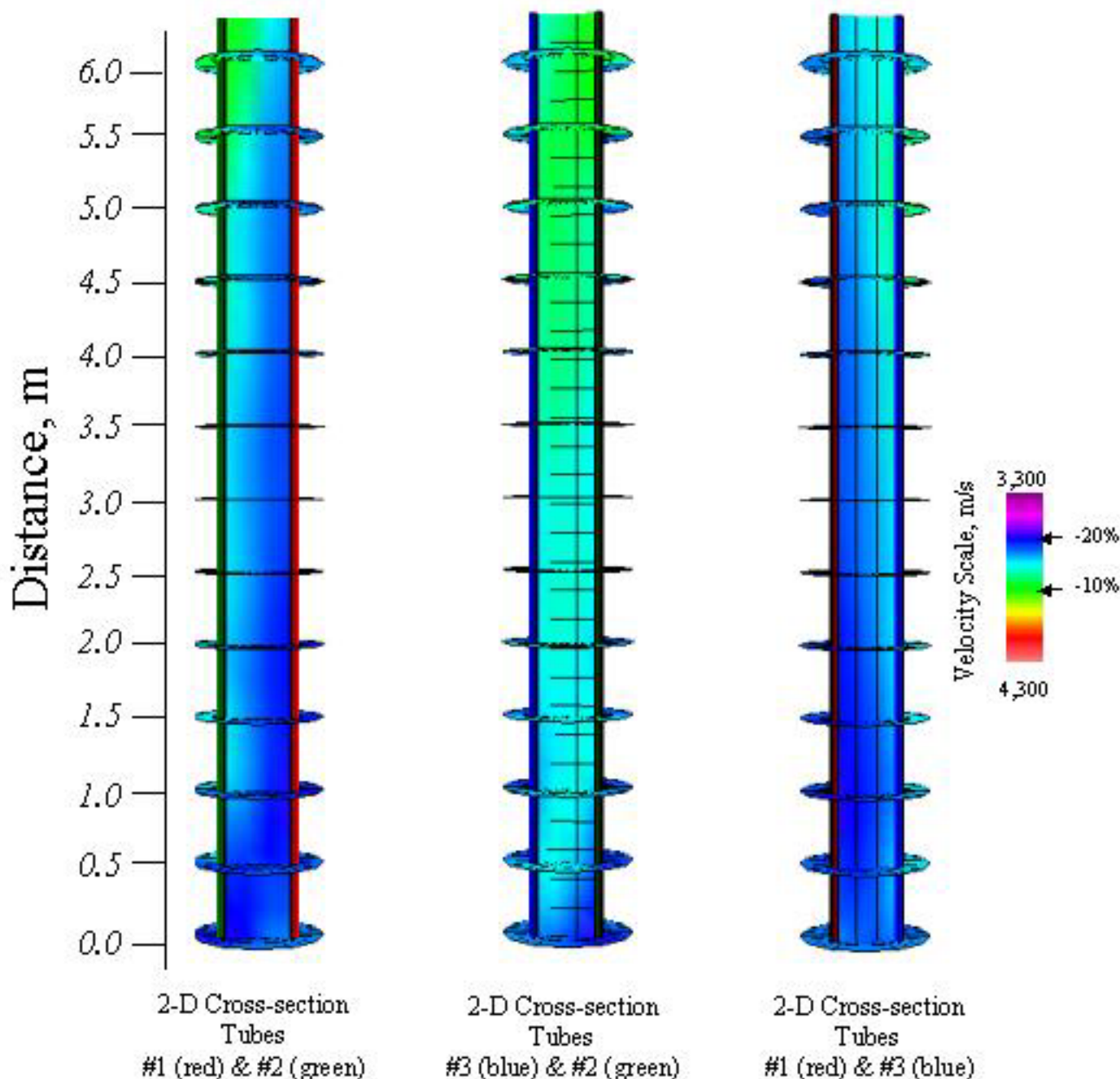
CARSON RIVER BRIDGE
ERFO BIA WASH 1(1)

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



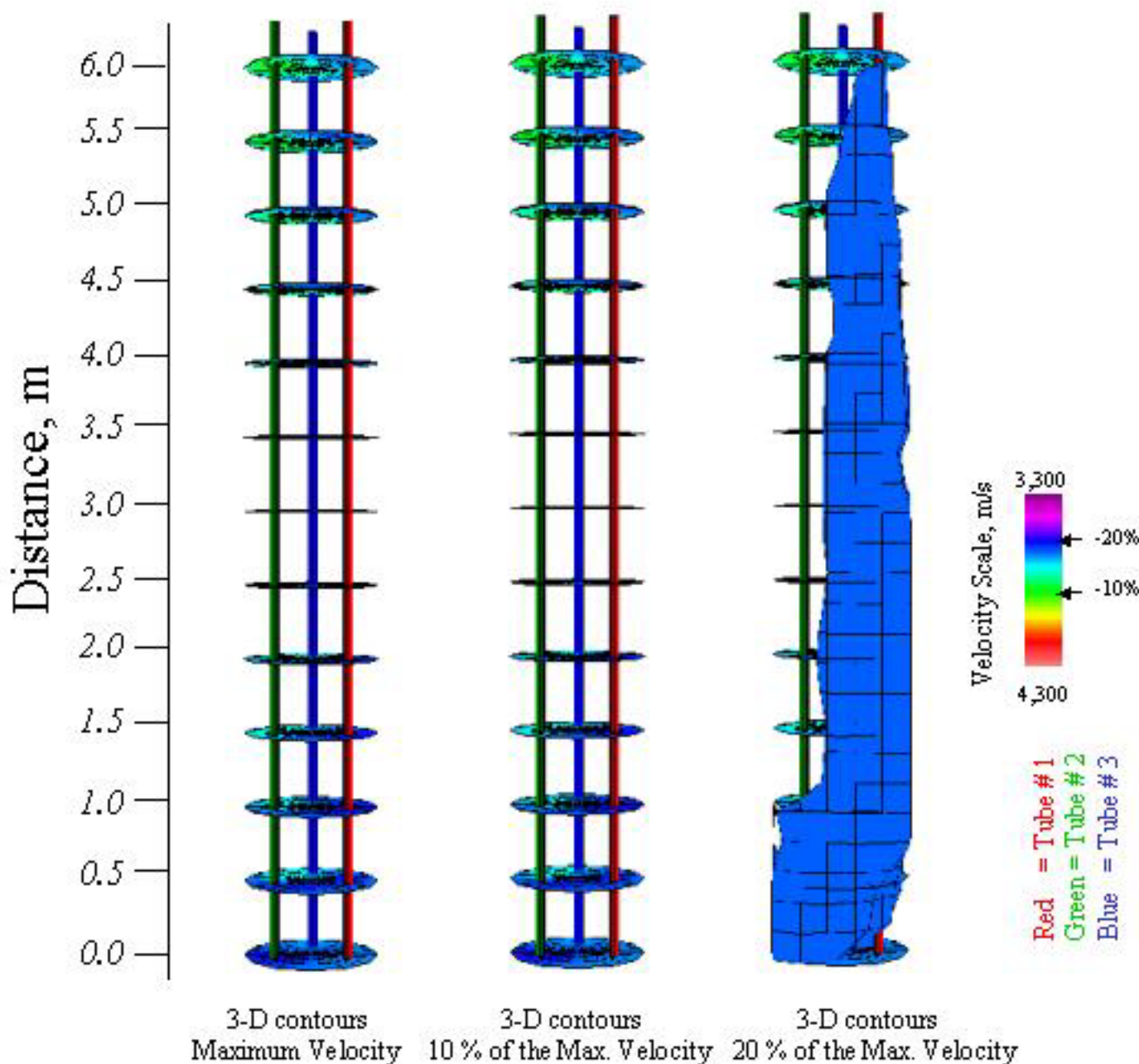
OFFSET = - 1,200 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2

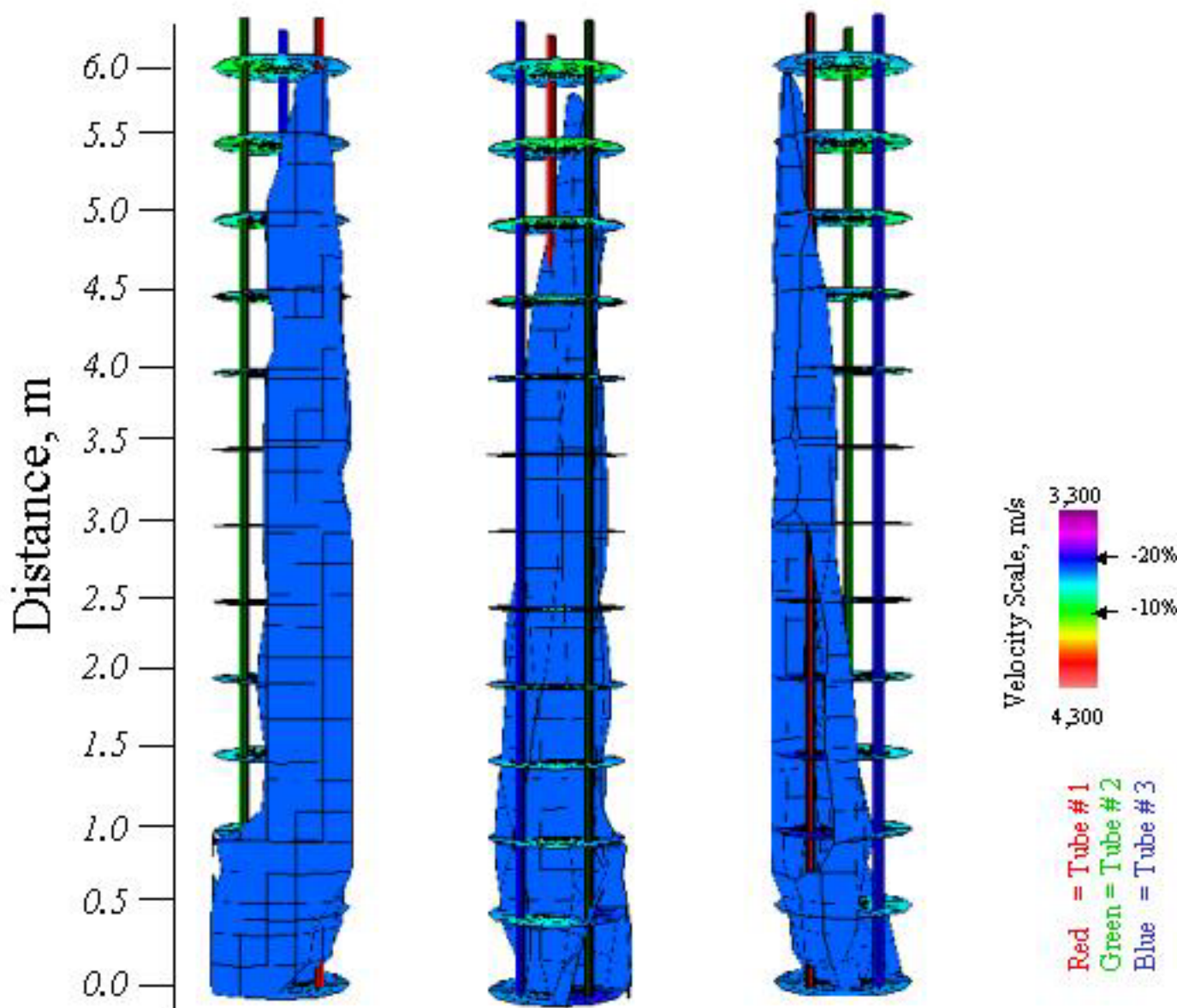


OFFSET = - 1,200 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF Abutment 1 Shaft 2



Rotated Tomographic Images showing the 3-D contours of the Max., 10% & 20% Velocities

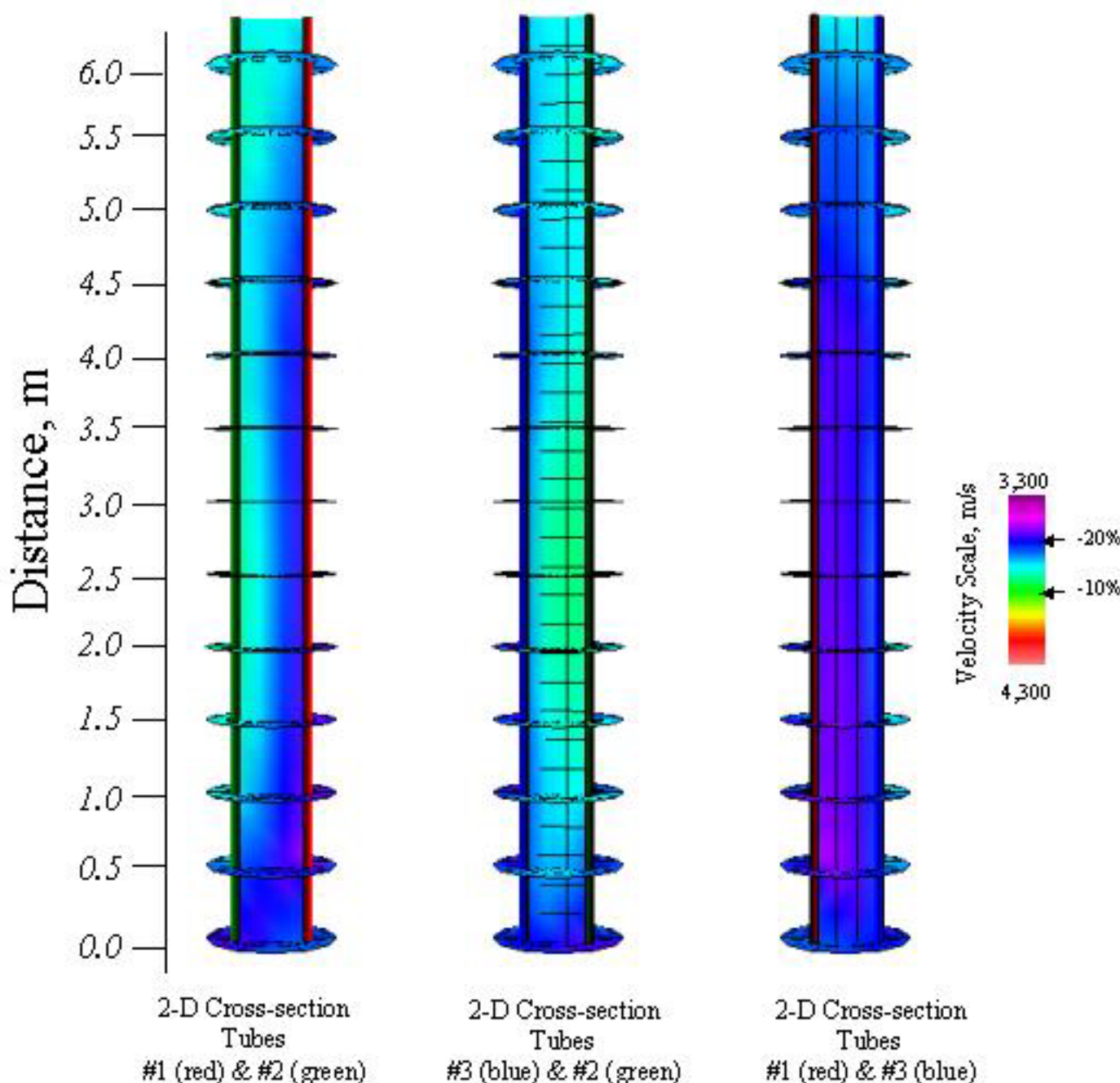
OFFSET = - 1,200 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



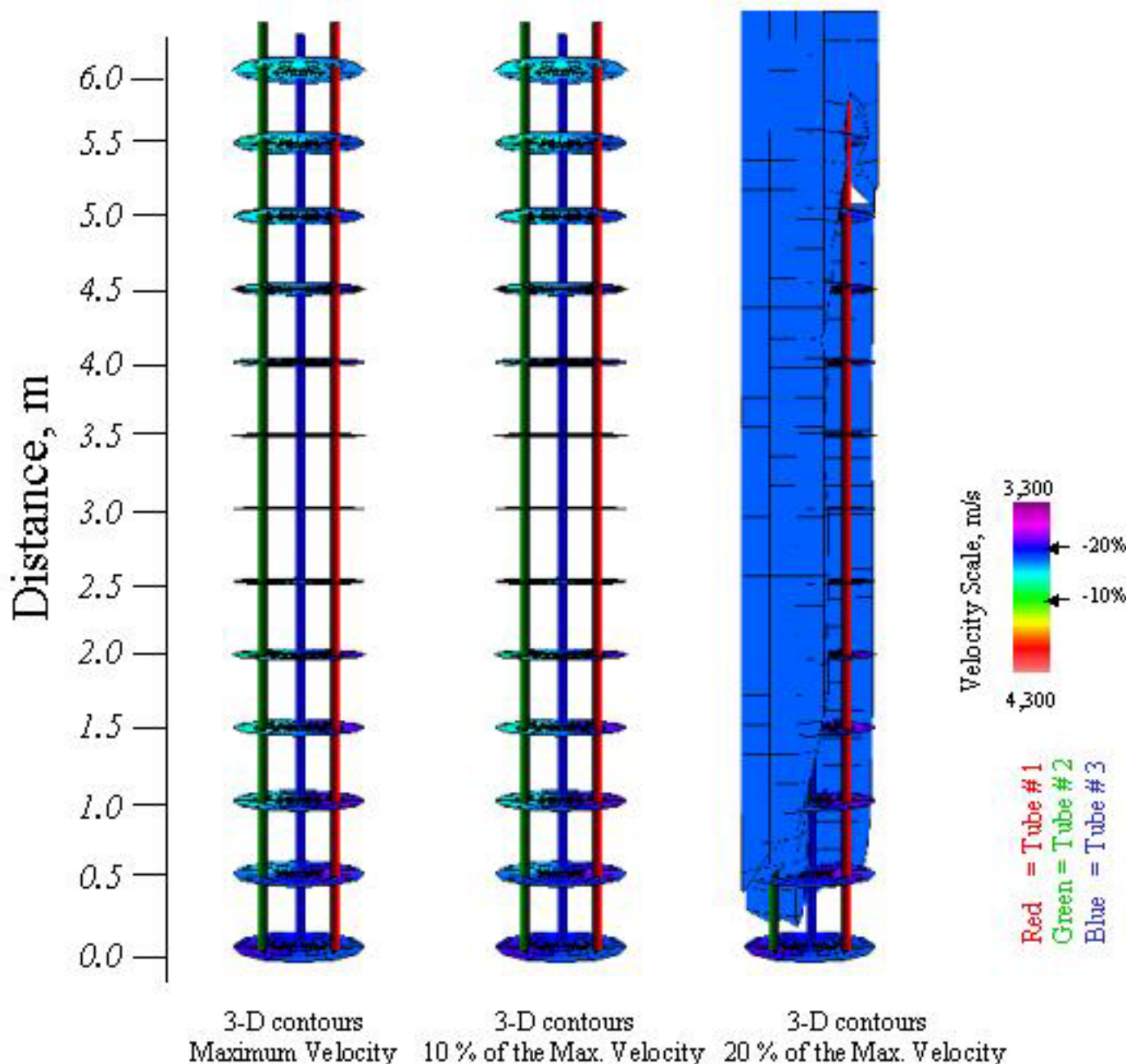
OFFSET = - 900 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



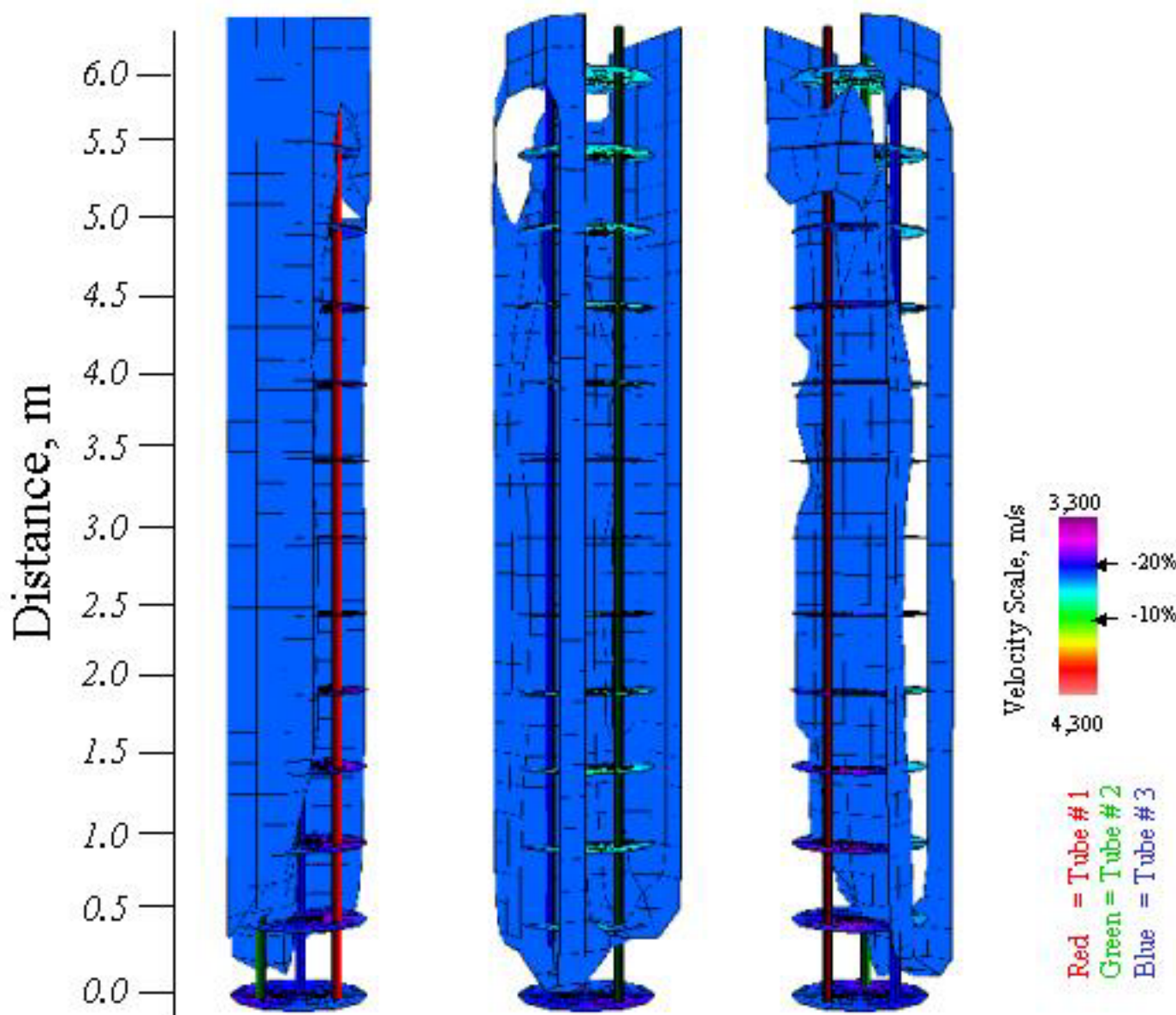
OFFSET = - 900 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



Rotated Tomographic Images showing the 3-D contours of the Max., 10% & 20% Velocities

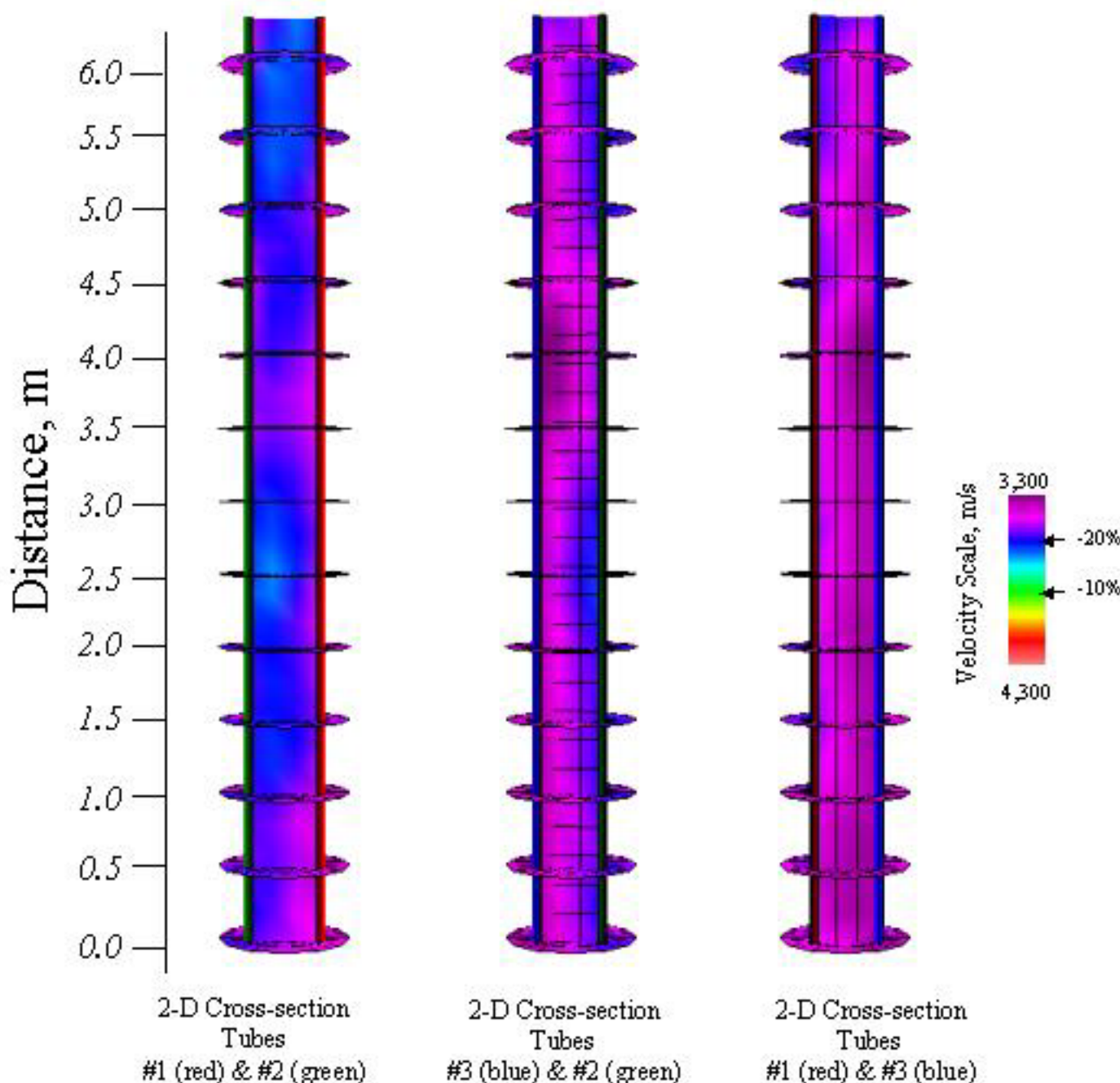
OFFSET = - 900 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



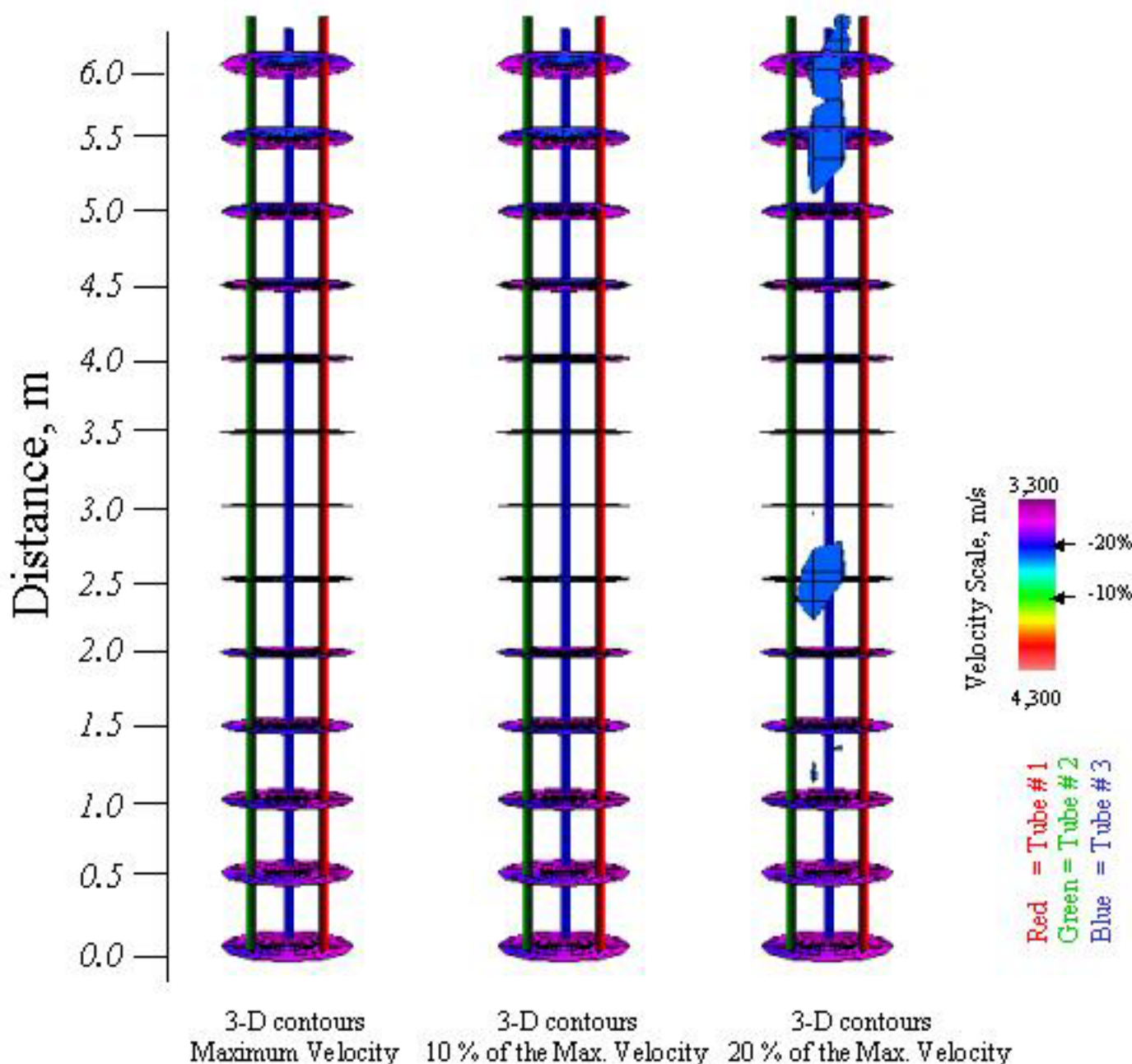
OFFSET = - 450 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



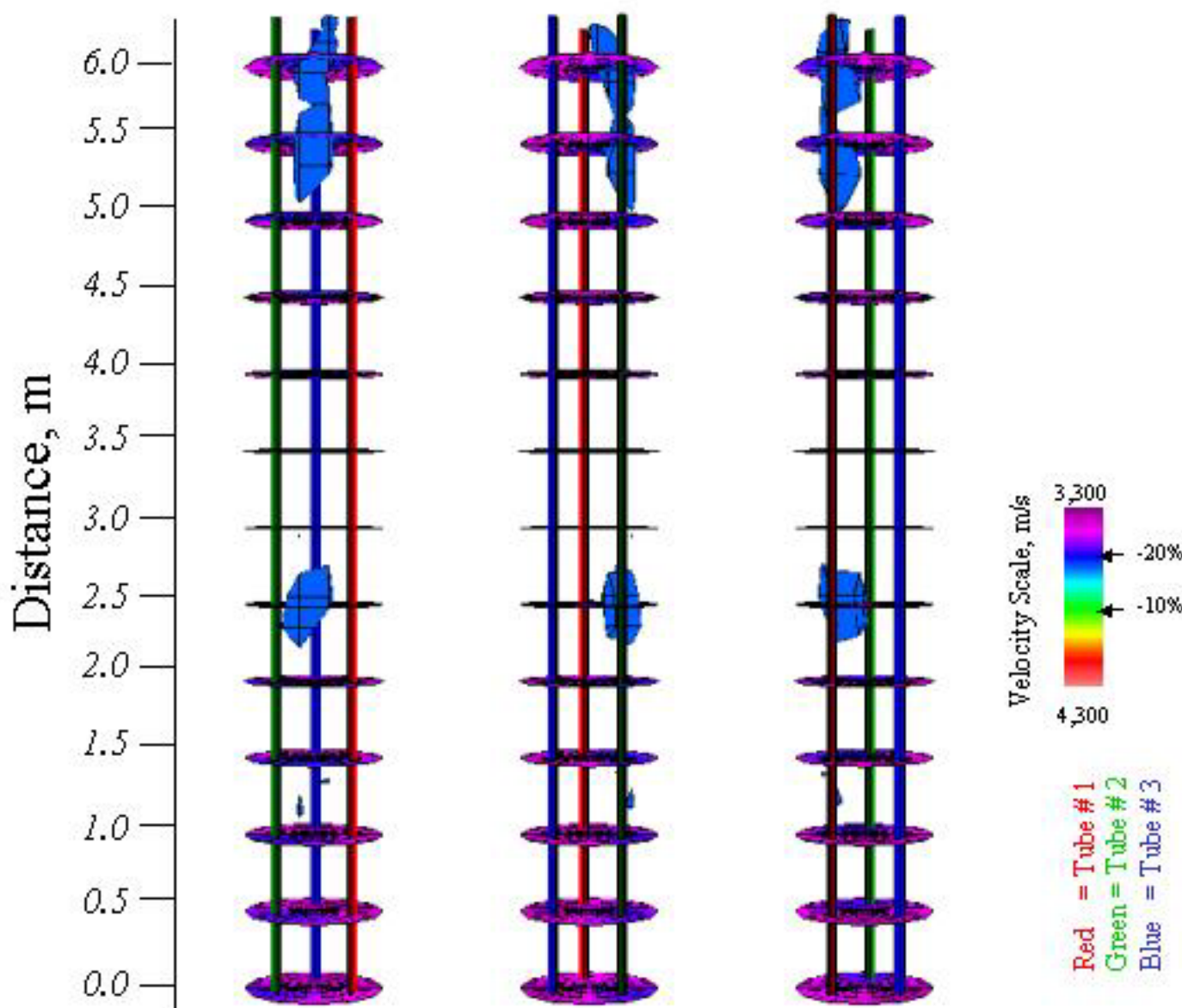
OFFSET = - 450 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



Rotated Tomographic Images showing the 3-D contours of the Max., 10% & 20% Velocities

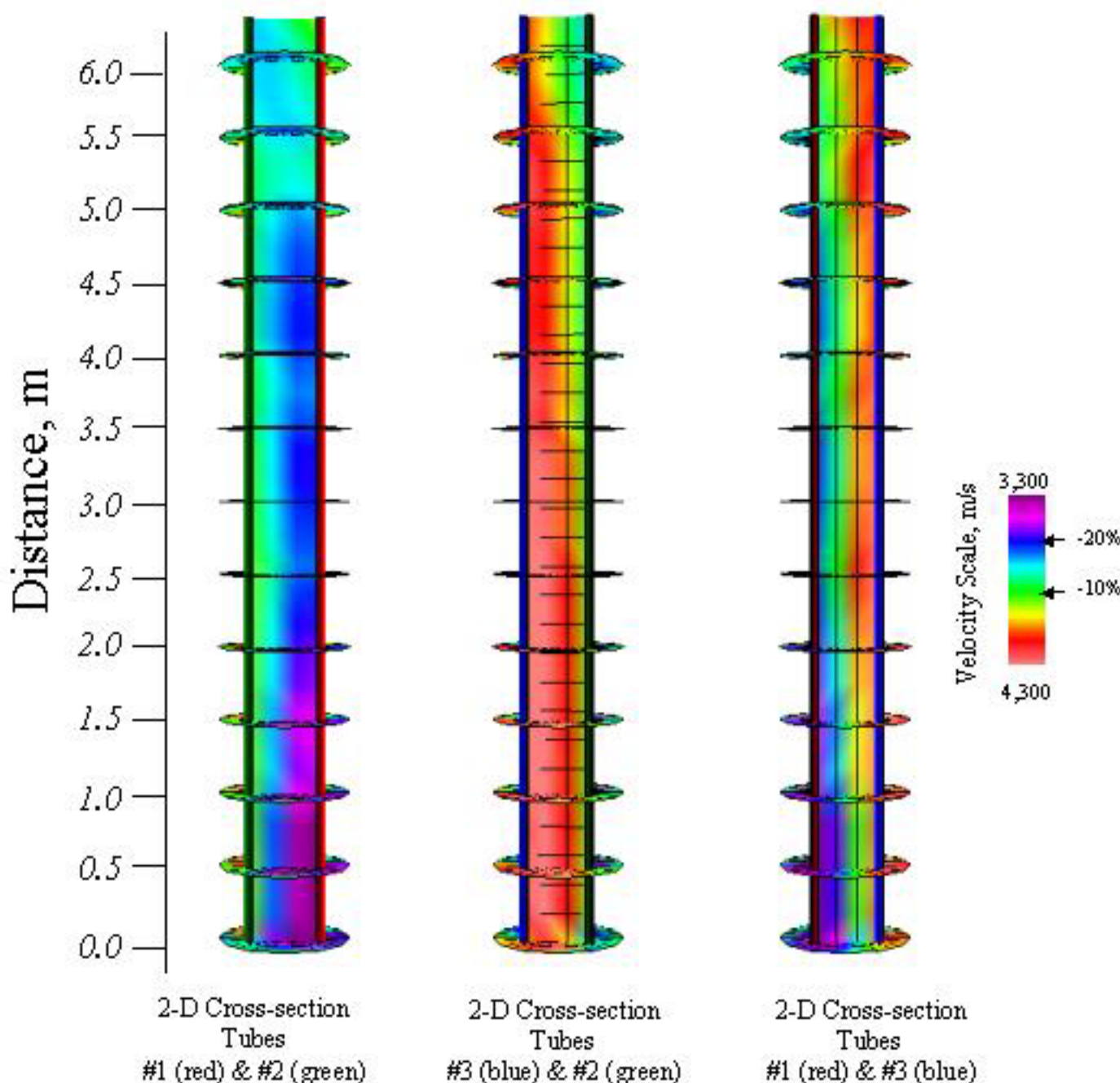
OFFSET = -450 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2

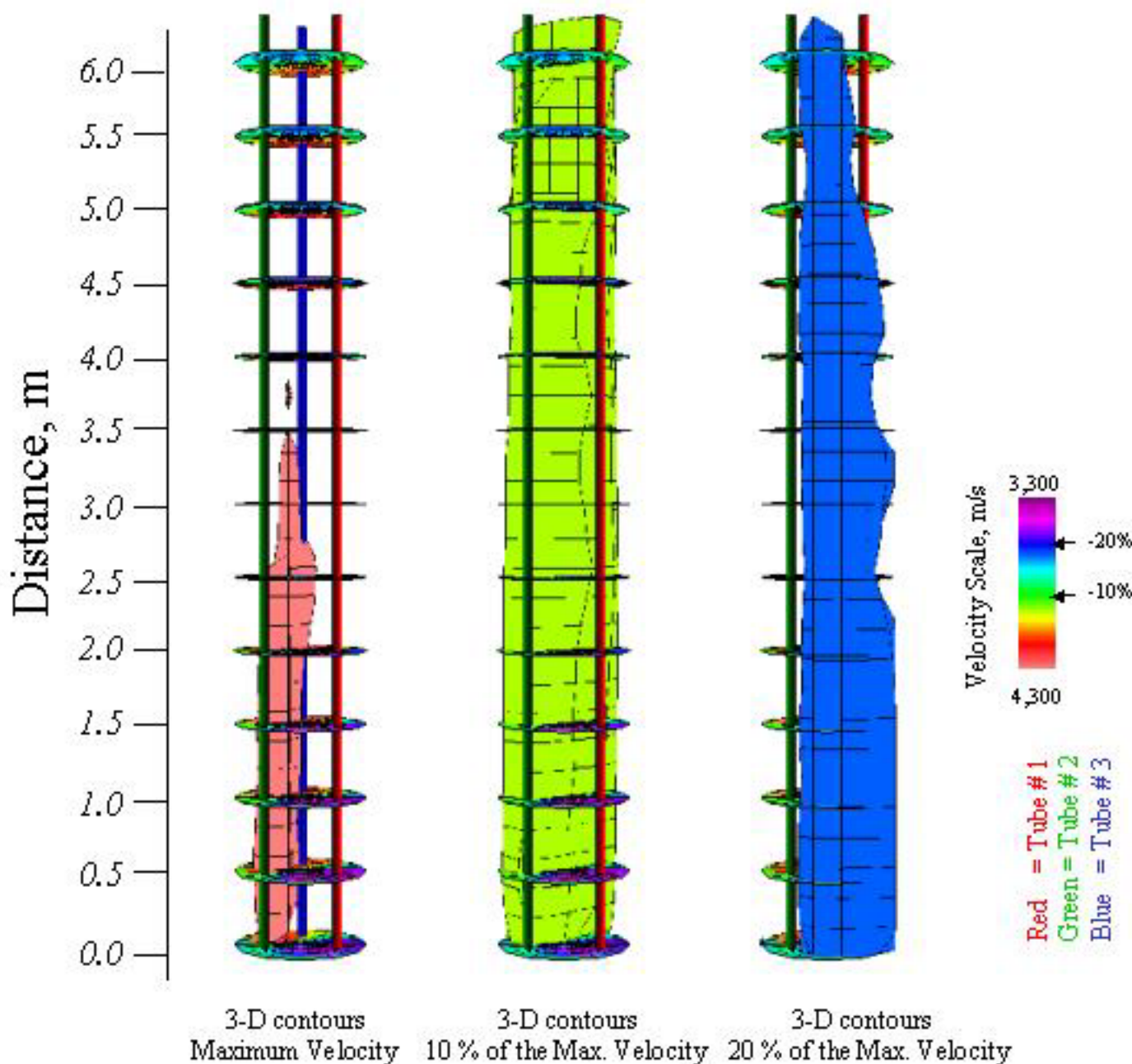


OFFSET = 0 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF Abutment 1 Shaft 2



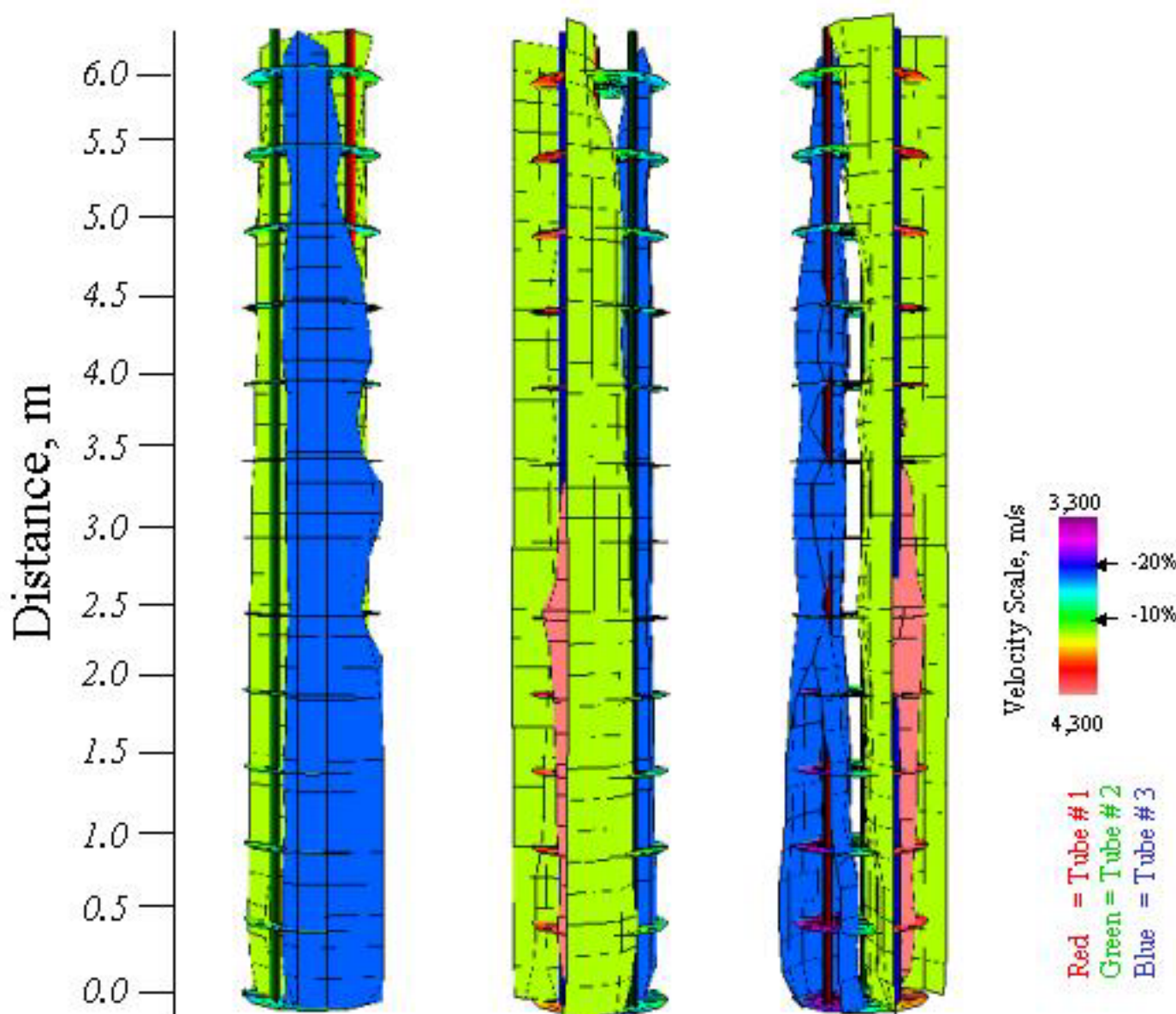
OFFSET = 0 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



Rotated Tomographic Images showing the 3-D contours of the Max., 10% & 20% Velocities

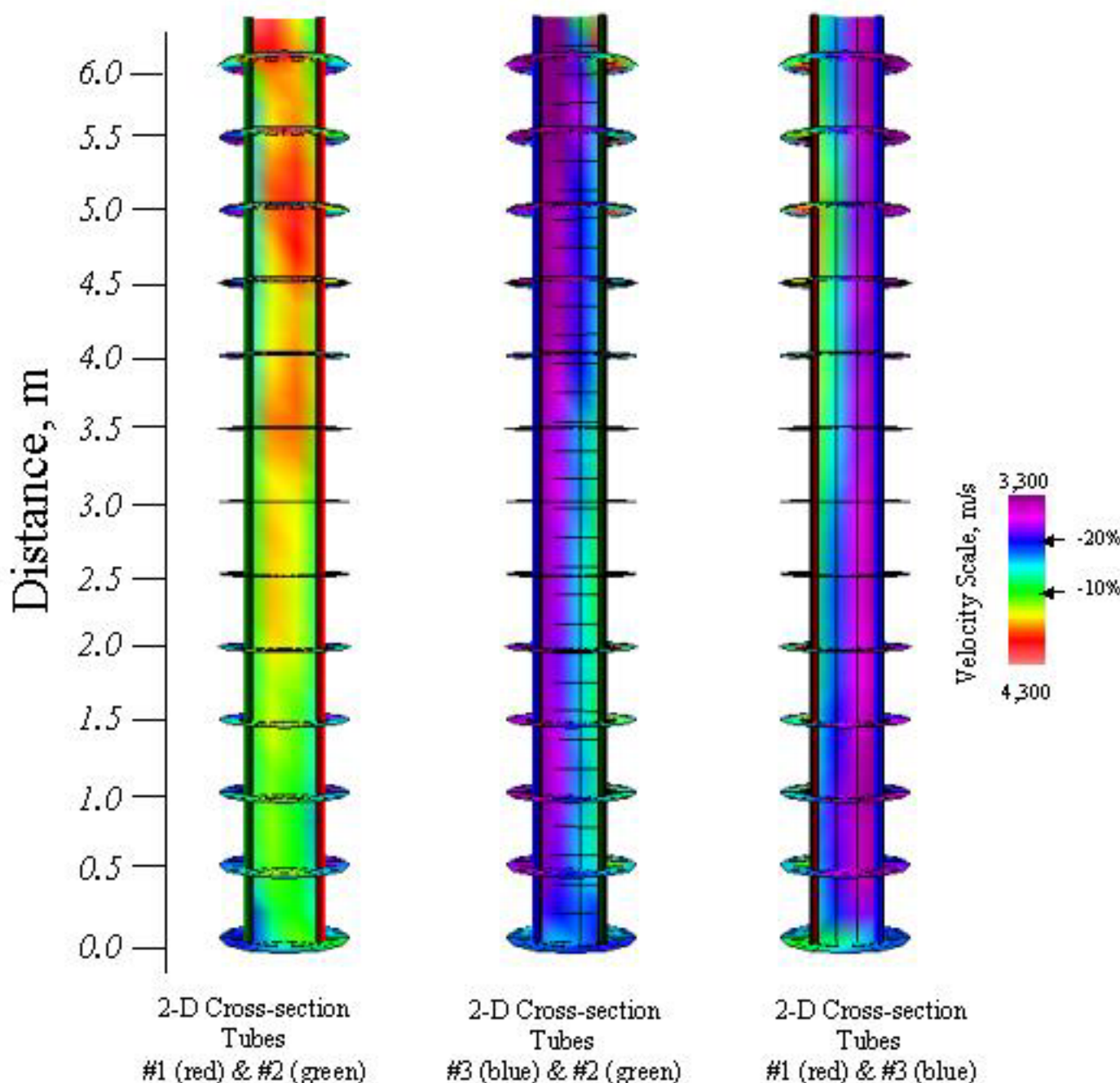
OFFSET = 0 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



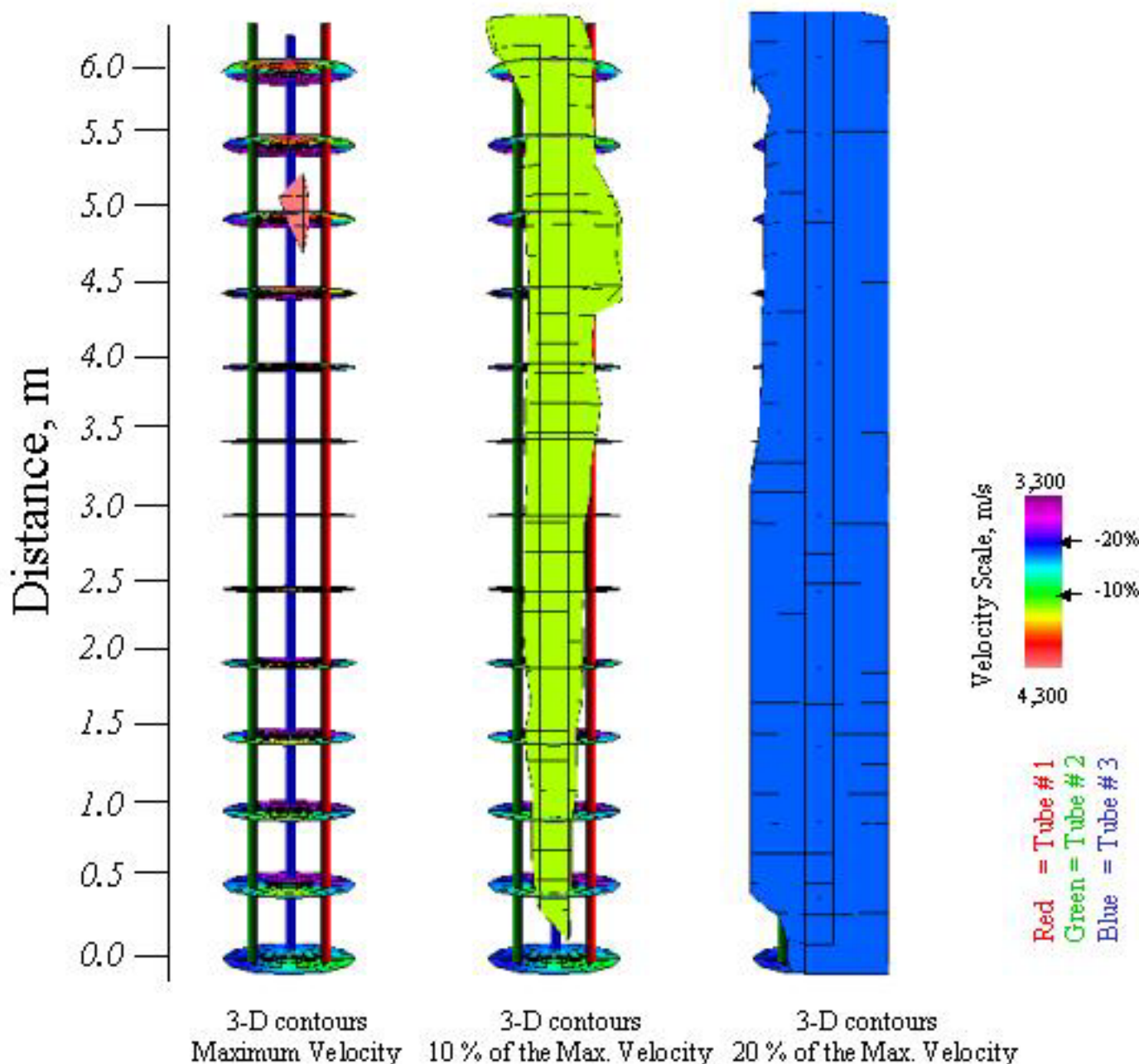
OFFSET = +450 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



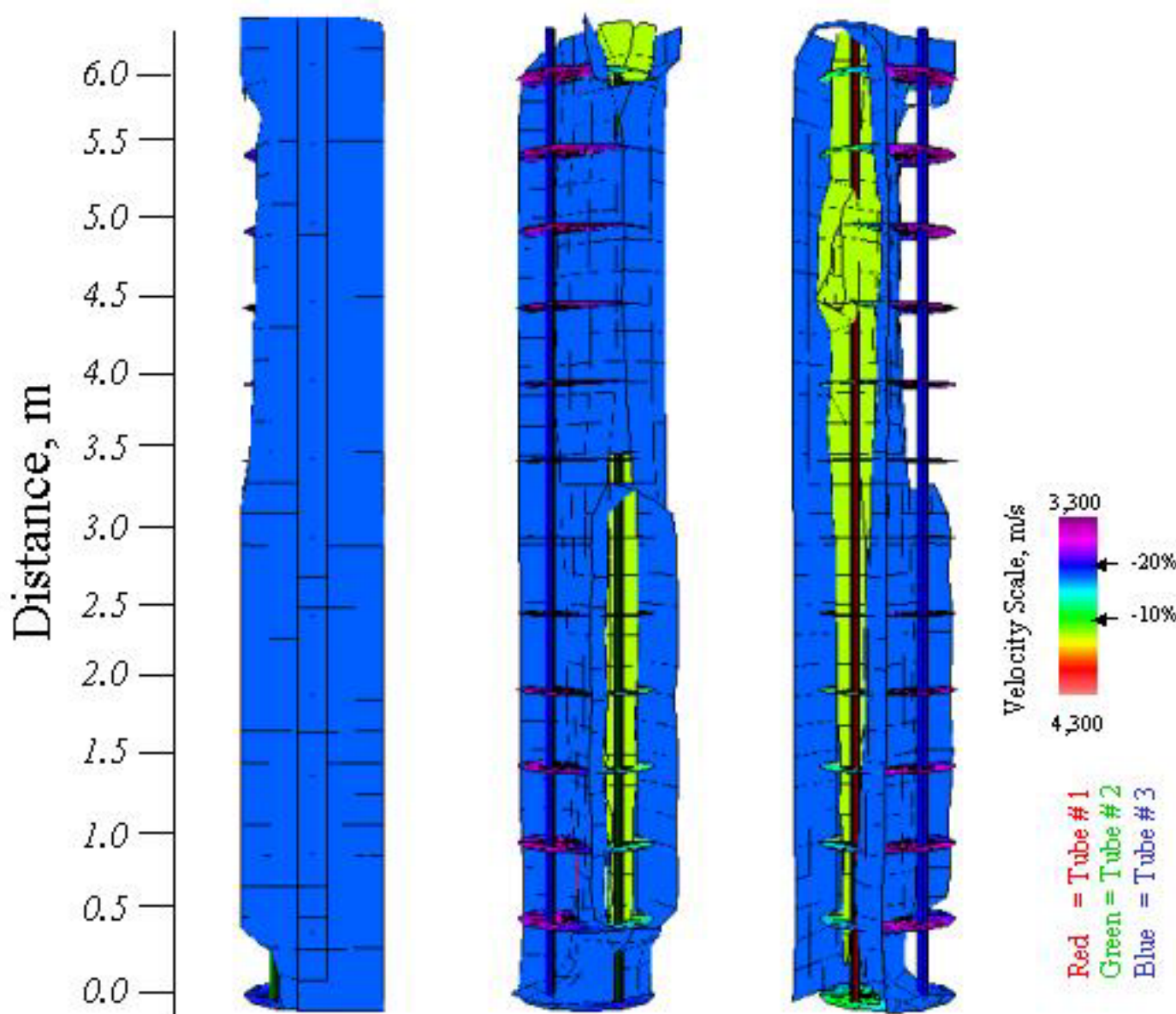
OFFSET = + 450 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



Rotated Tomographic Images showing the 3-D contours of the Max., 10% & 20% Velocities

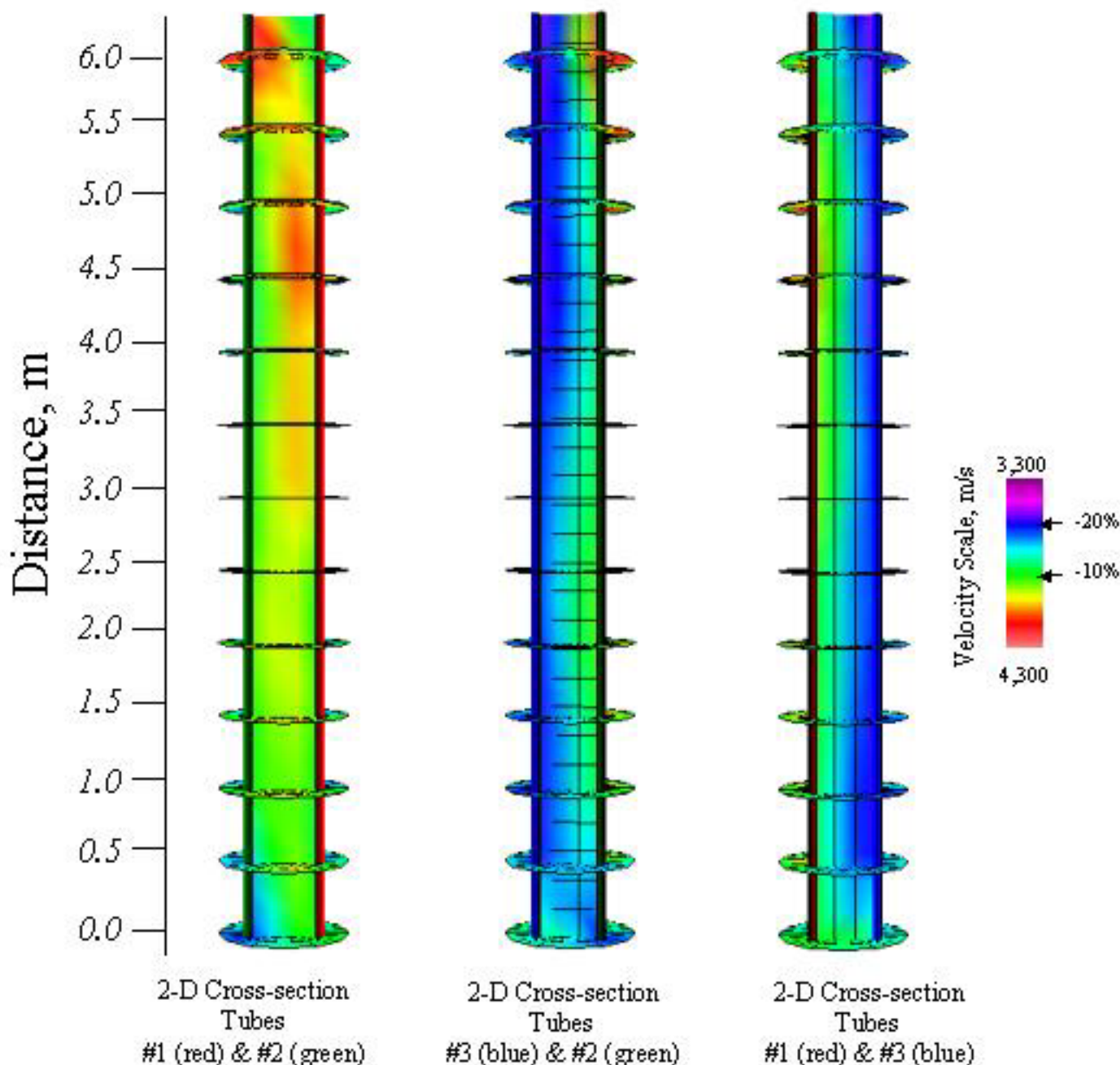
OFFSET = +450 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



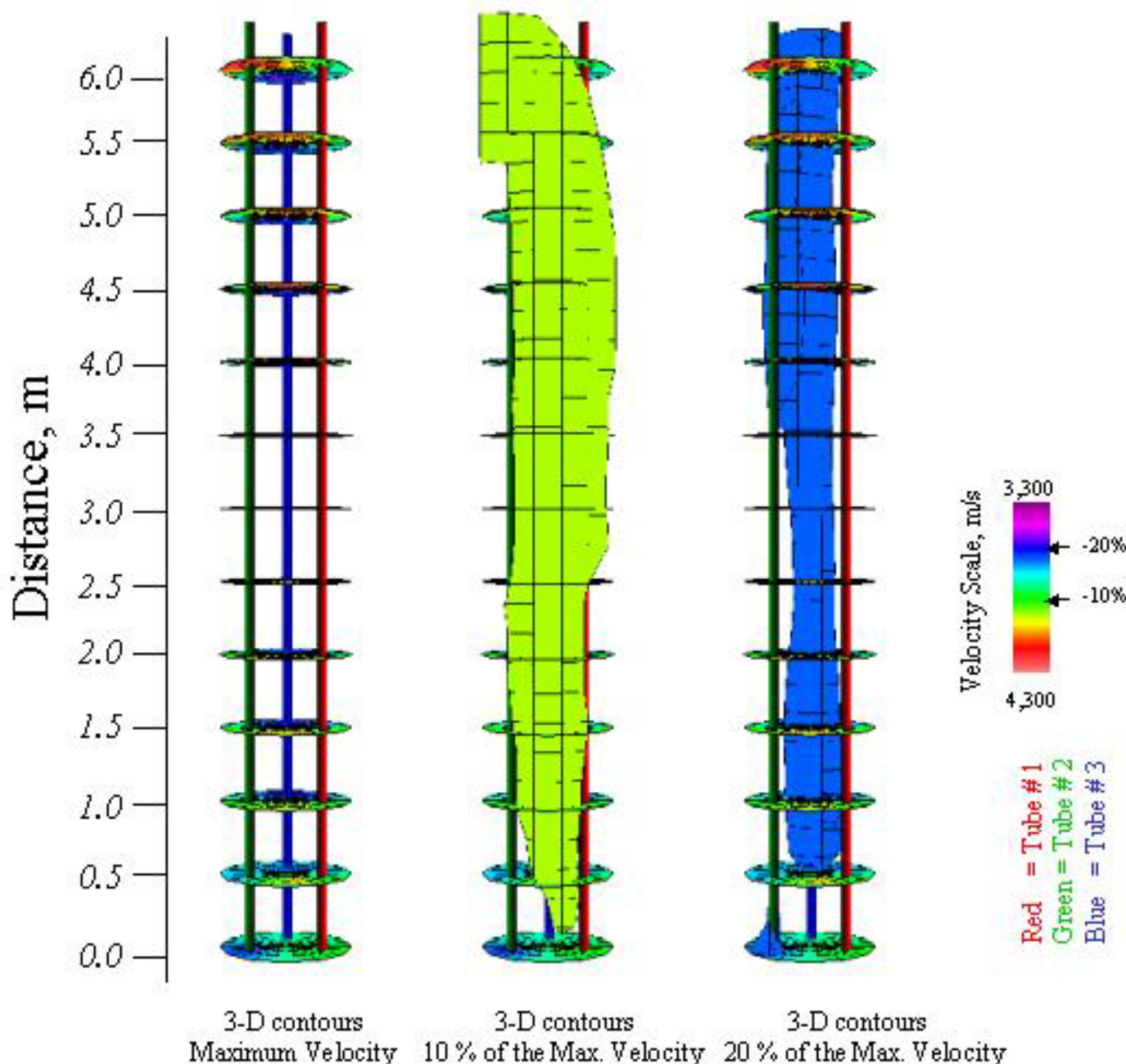
OFFSET = + 900 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



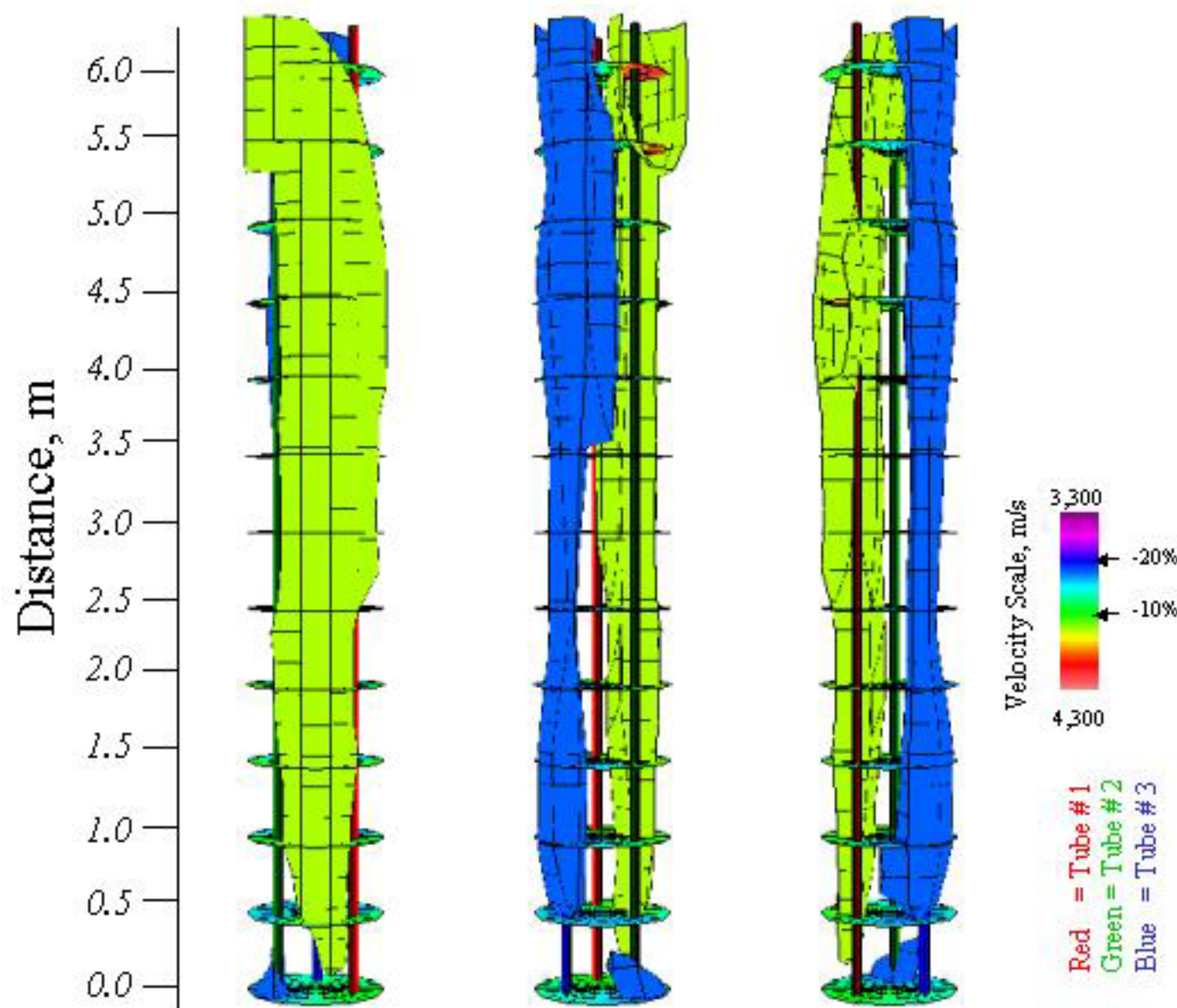
OFFSET = + 900 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



Rotated Tomographic Images showing the 3-D contours of the Max., 10% & 20% Velocities

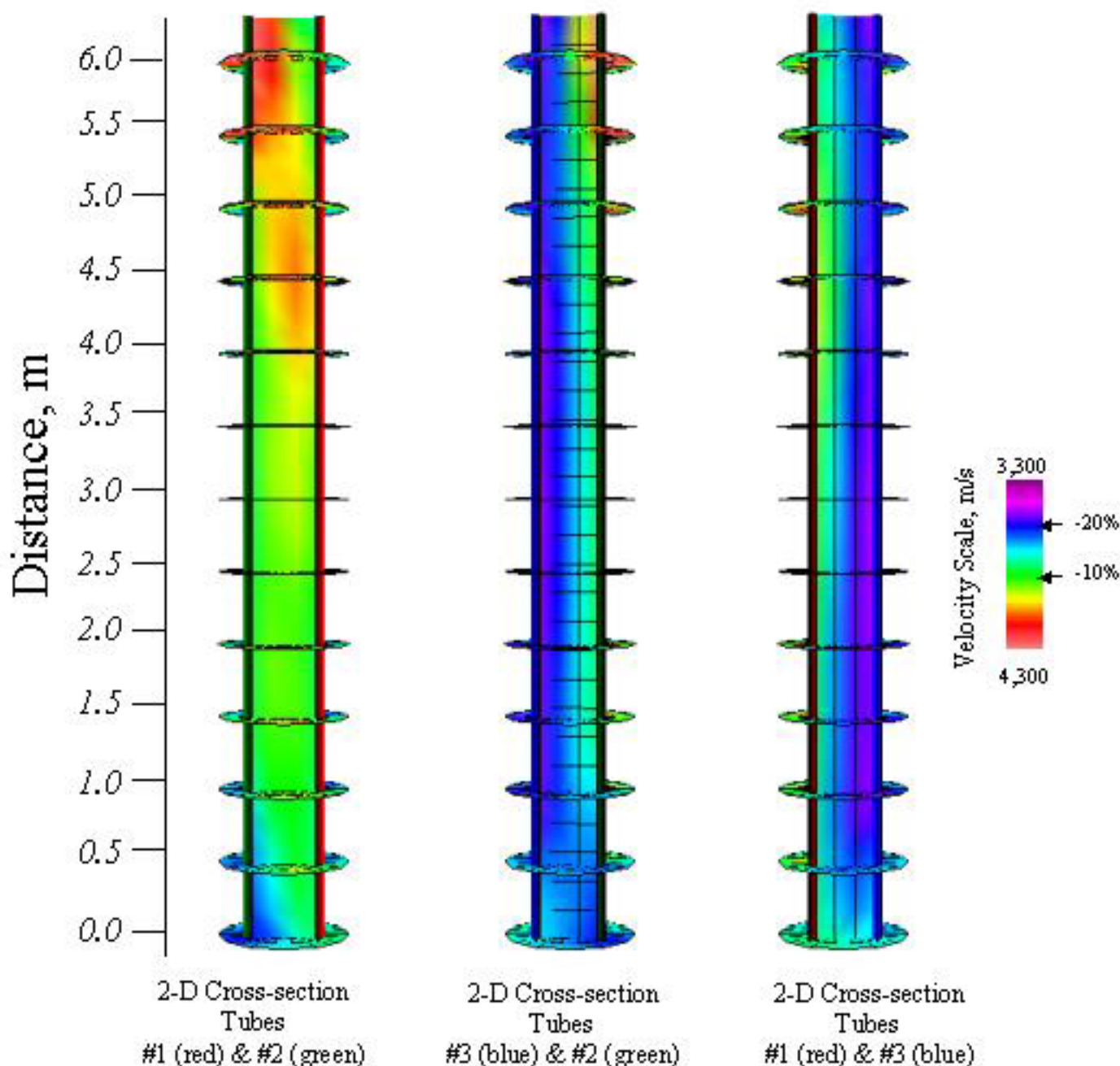
OFFSET = +900 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2

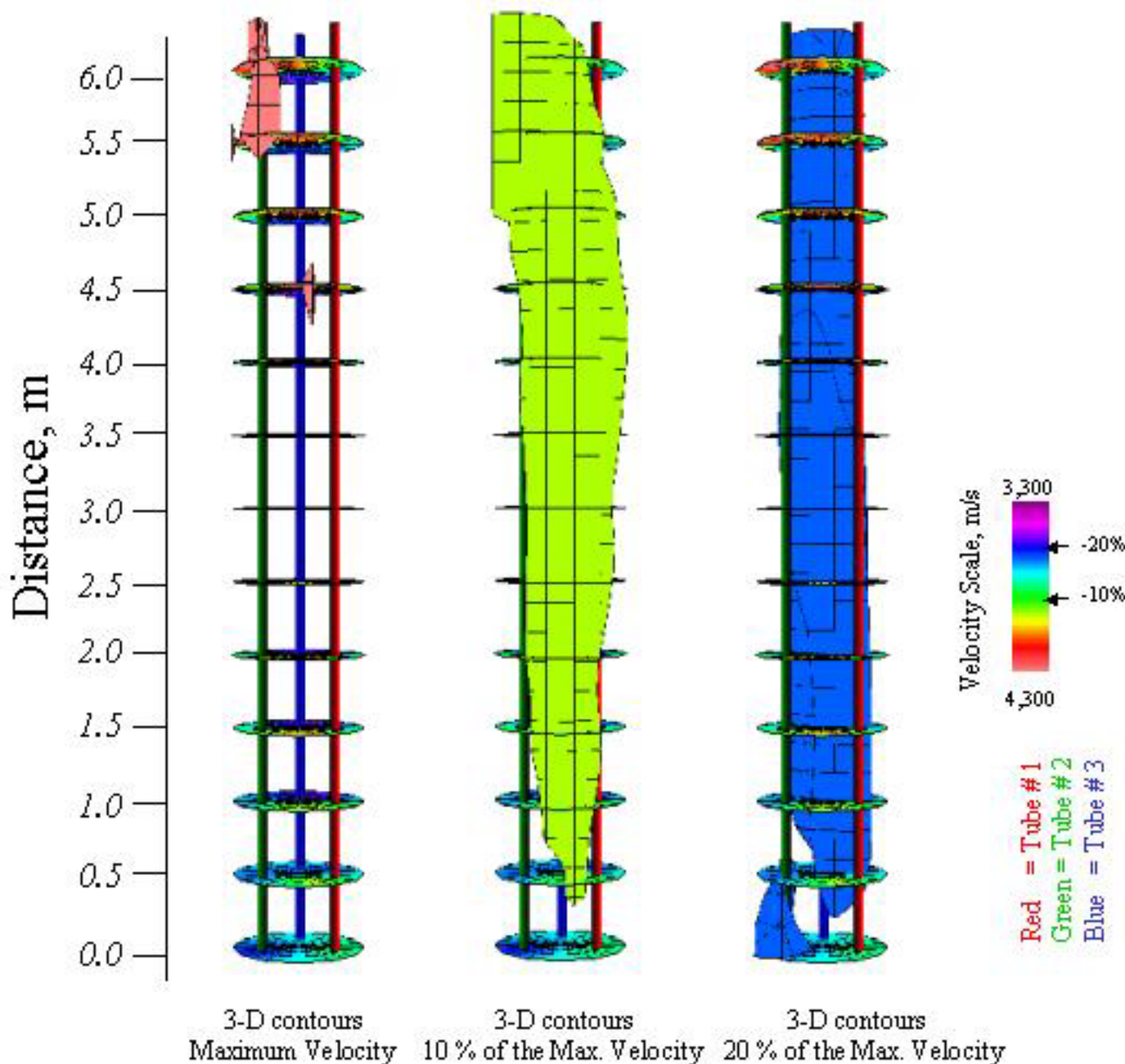


OFFSET = + 1,200 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF Abutment 1 Shaft 2



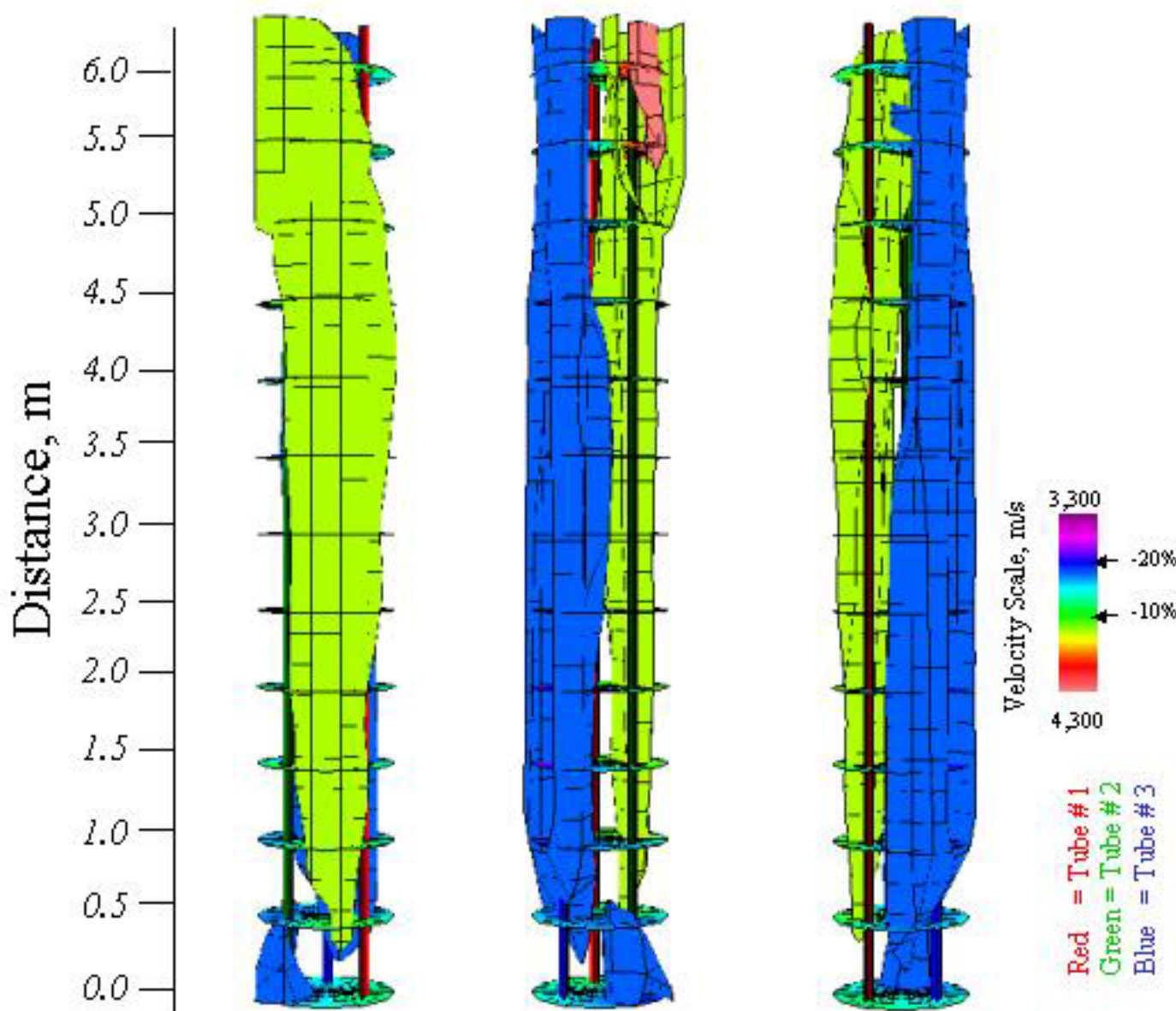
OFFSET = + 1,200 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



Rotated Tomographic Images showing the 3-D contours of the Max., 10% & 20% Velocities

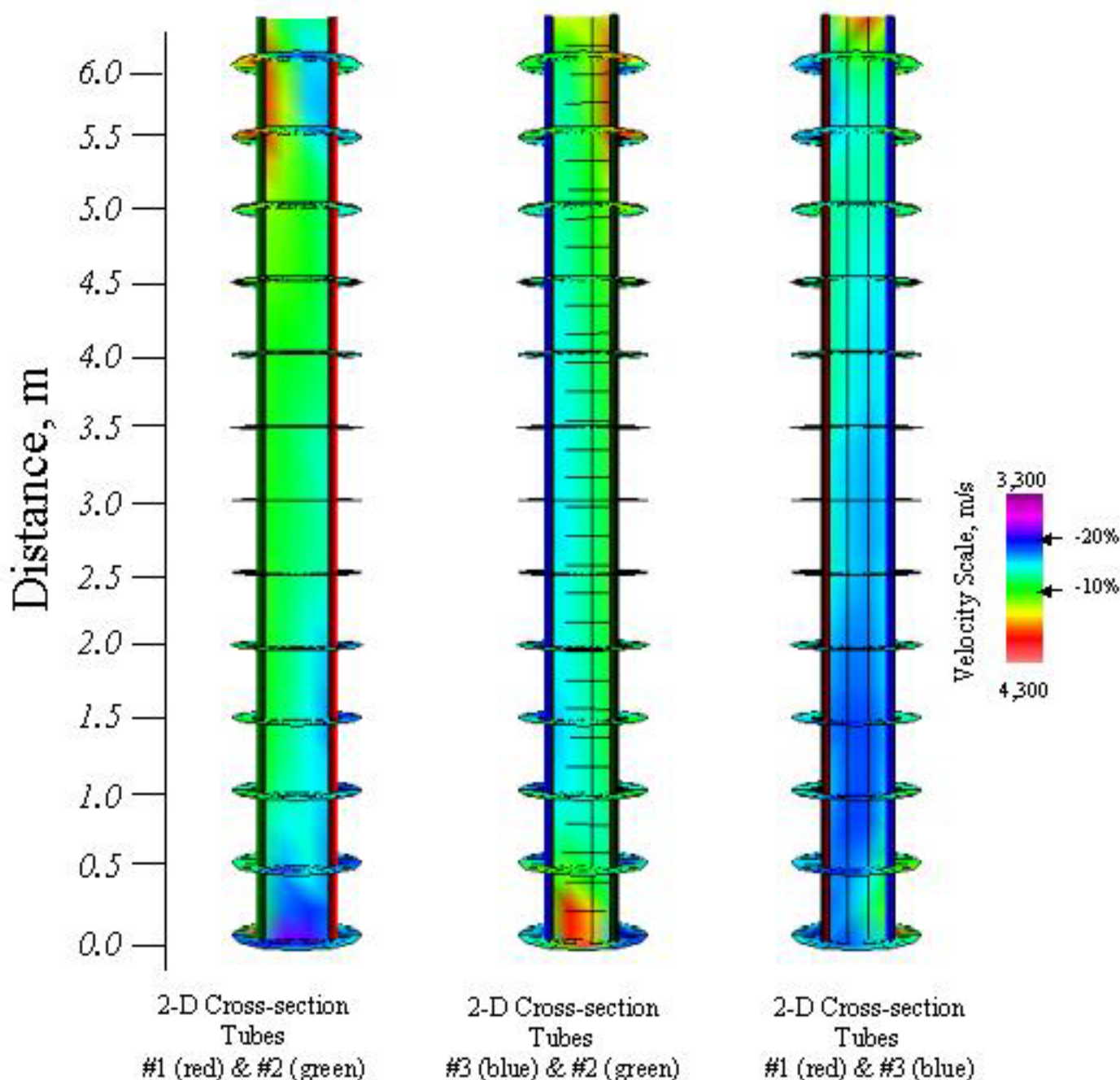
OFFSET = + 1,200 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



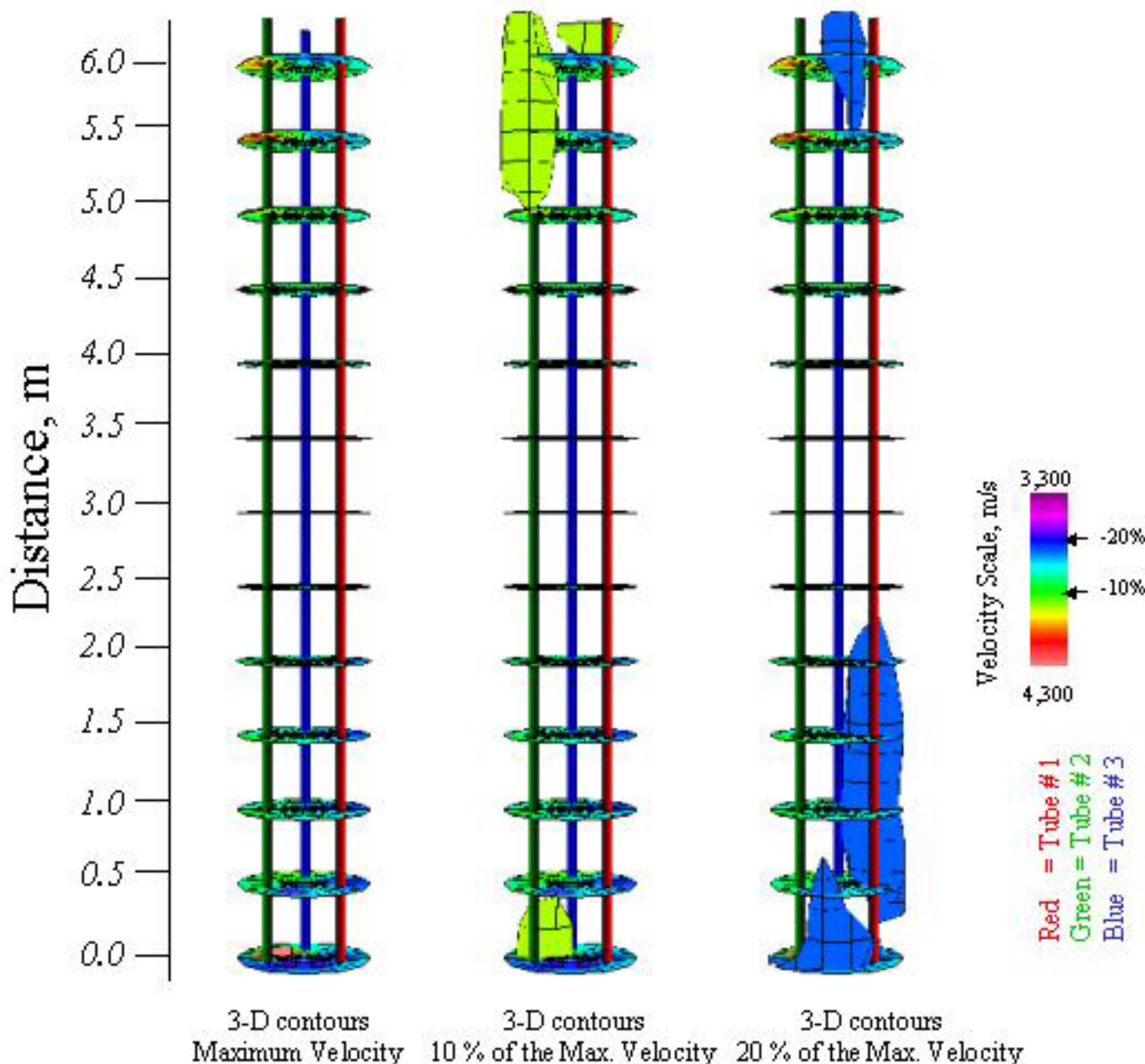
OFFSET = -1,200 mm, 0 mm, +1,200 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



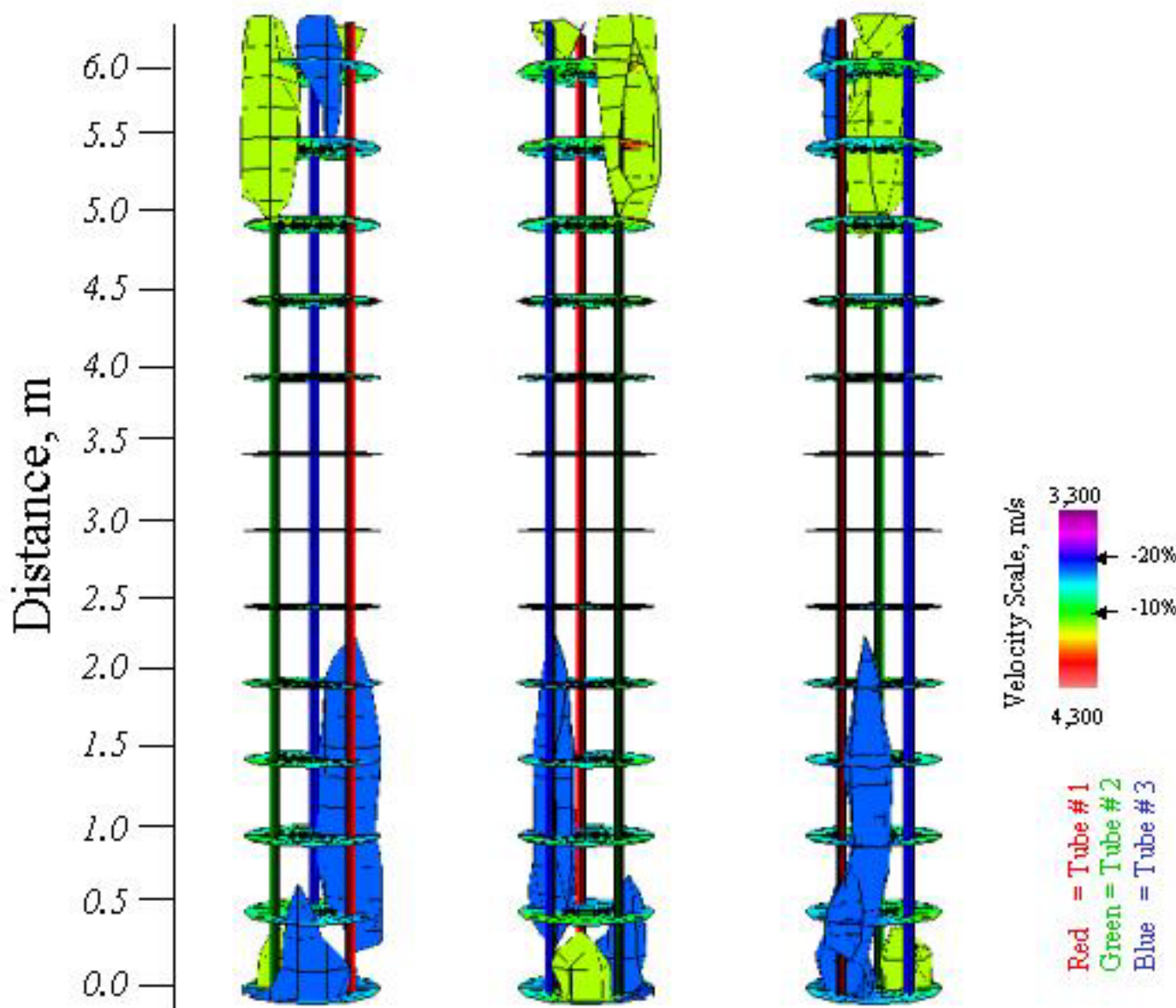
OFFSET = -1,200 mm, 0 mm, +1,200 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



Rotated Tomographic Images showing the 3-D contours of the Max., 10% & 20% Velocities

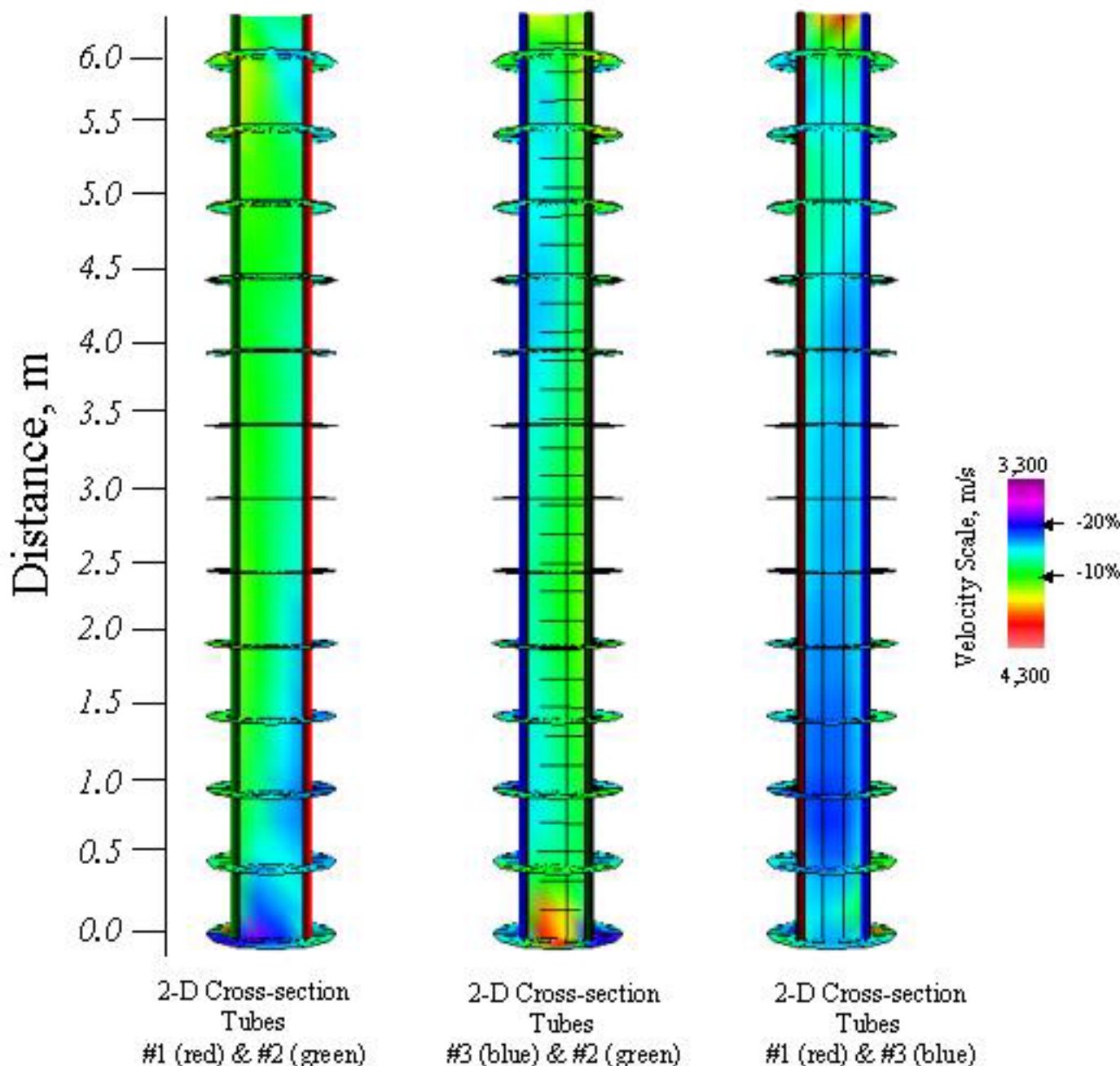
OFFSET = -1,200 mm, 0 mm, +1,200 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2

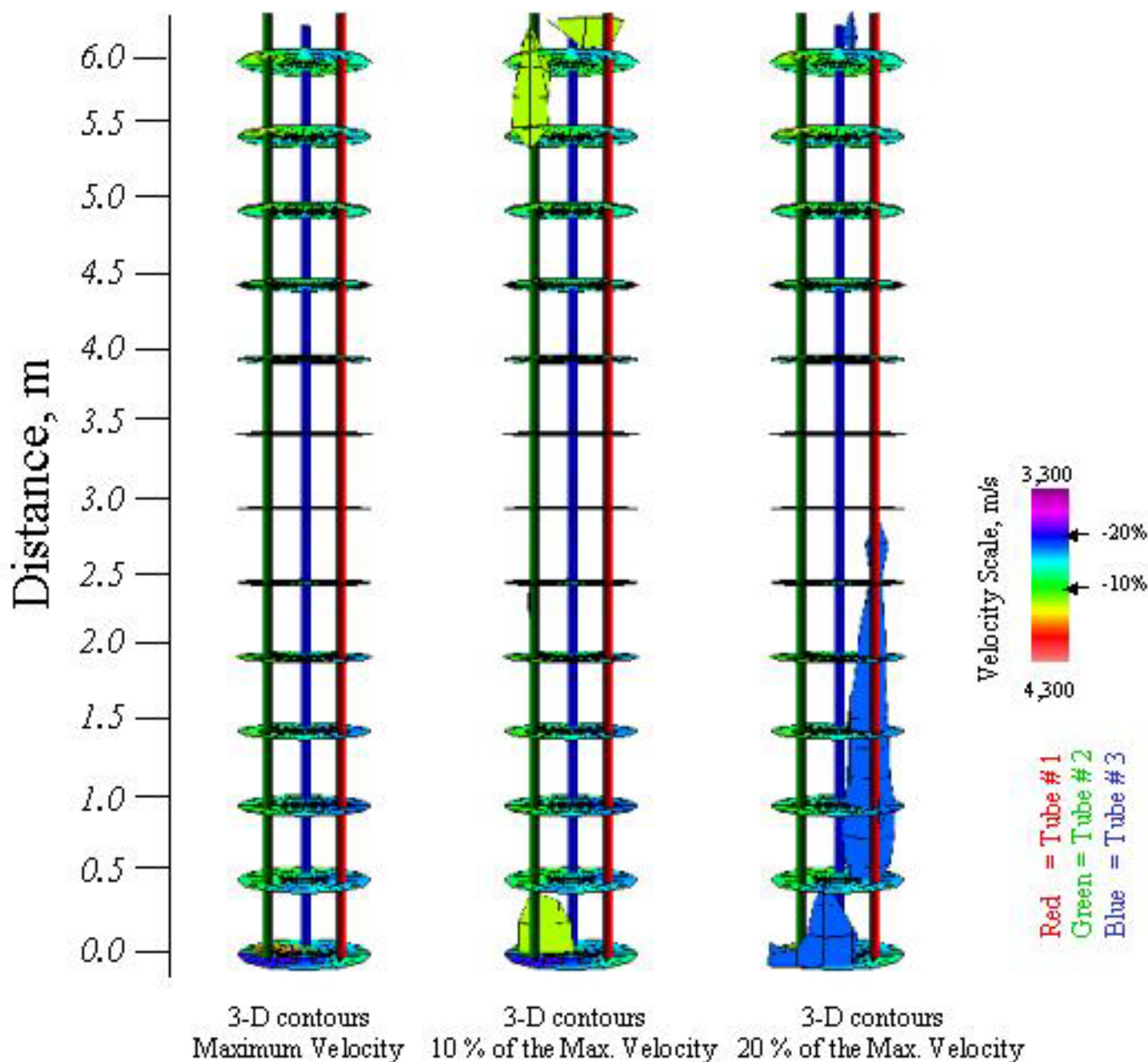


Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



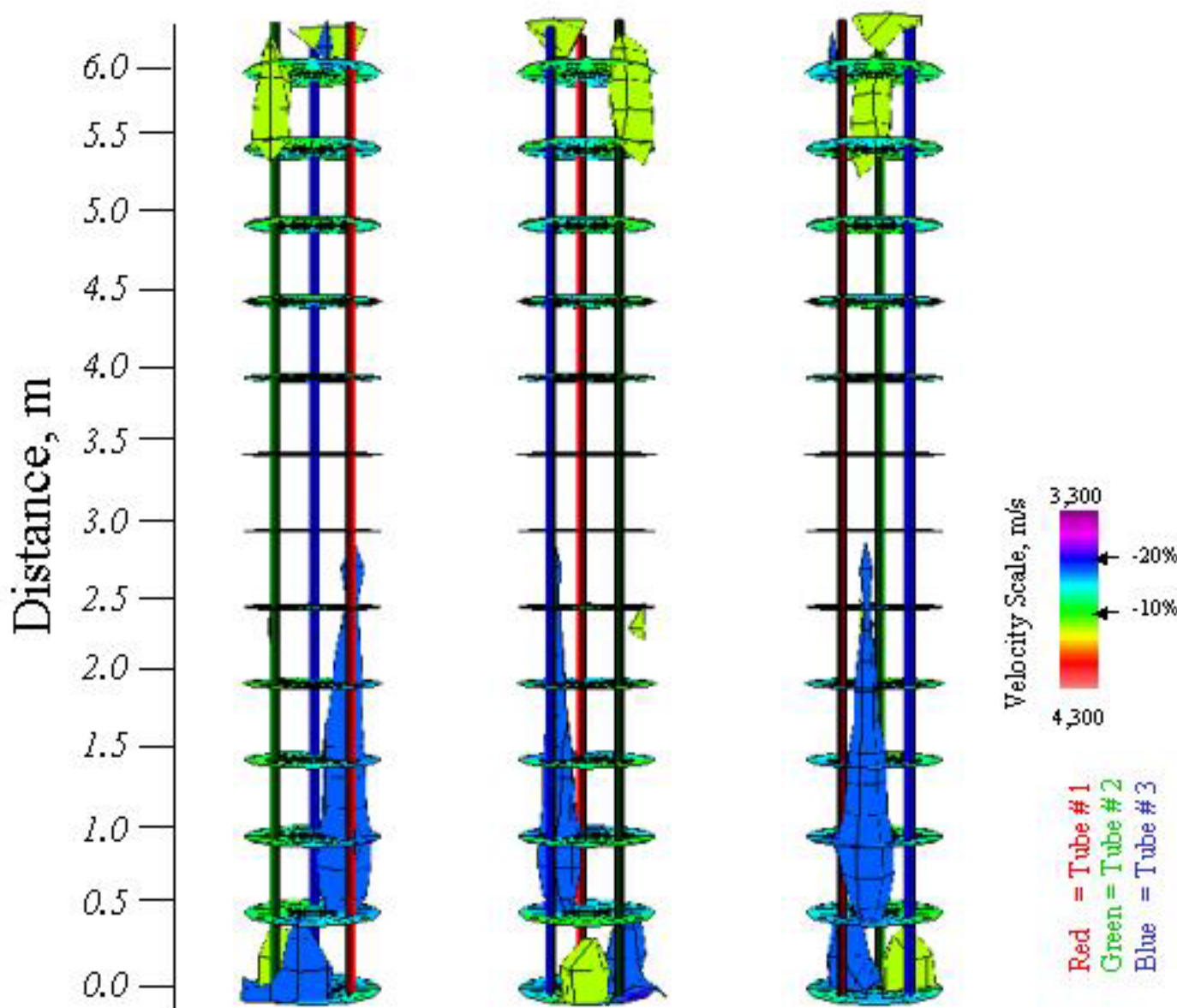
OFFSET = -900 mm, 0 mm, +900 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



Rotated Tomographic Images showing the 3-D contours of the Max., 10% & 20% Velocities

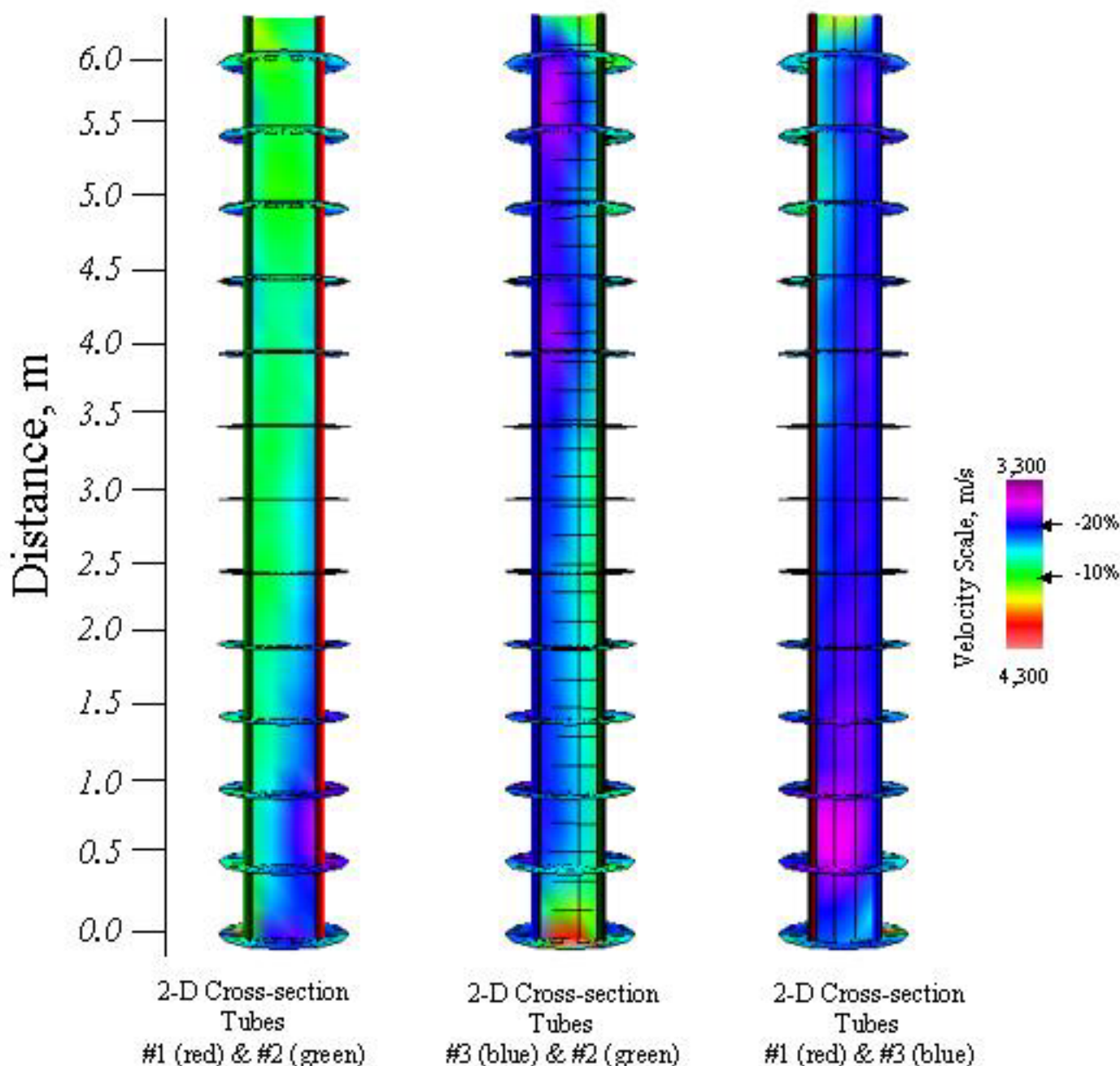
OFFSET = -900 mm, 0 mm, +900 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



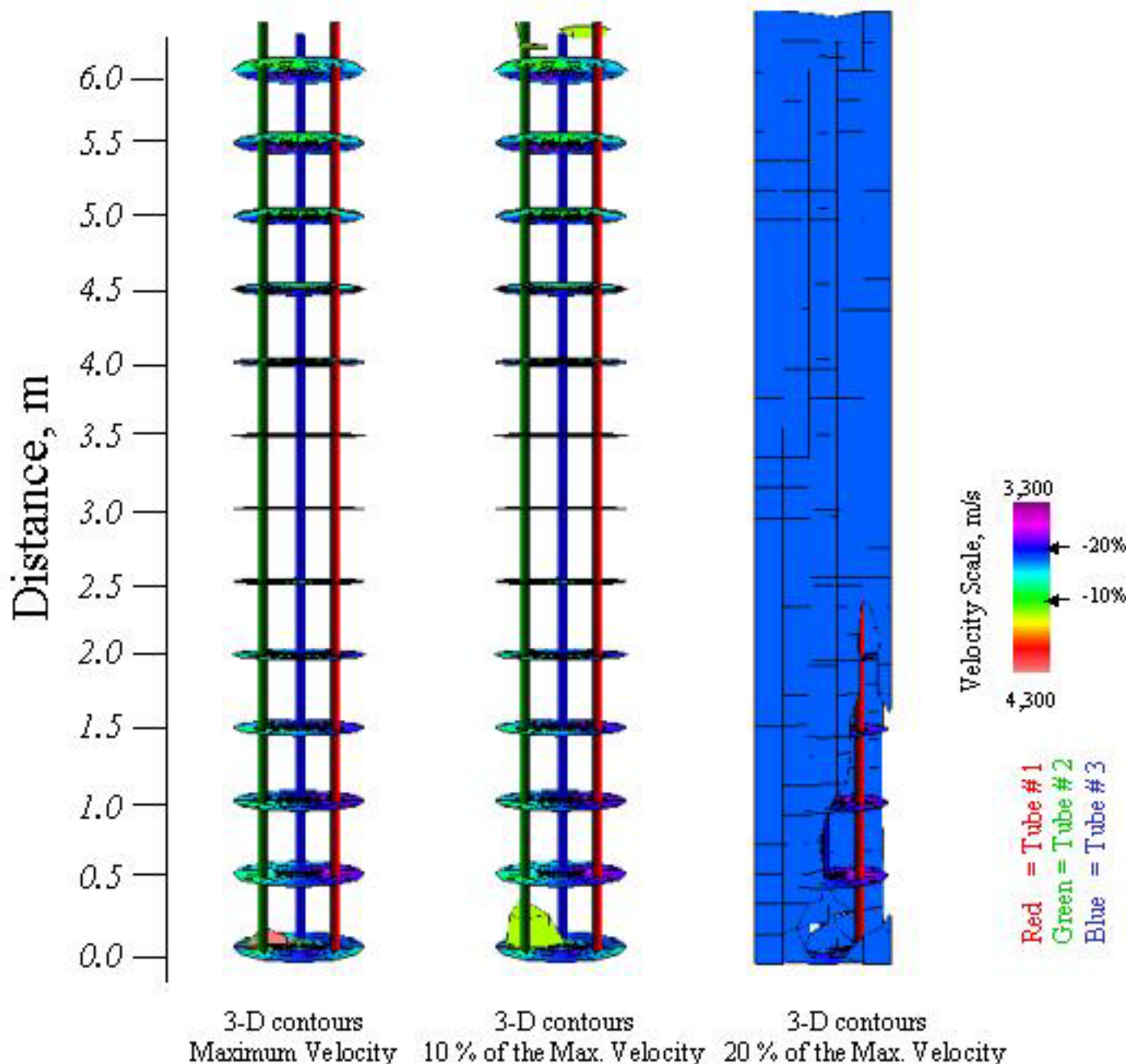
OFFSET = -450 mm, 0 mm, +450 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



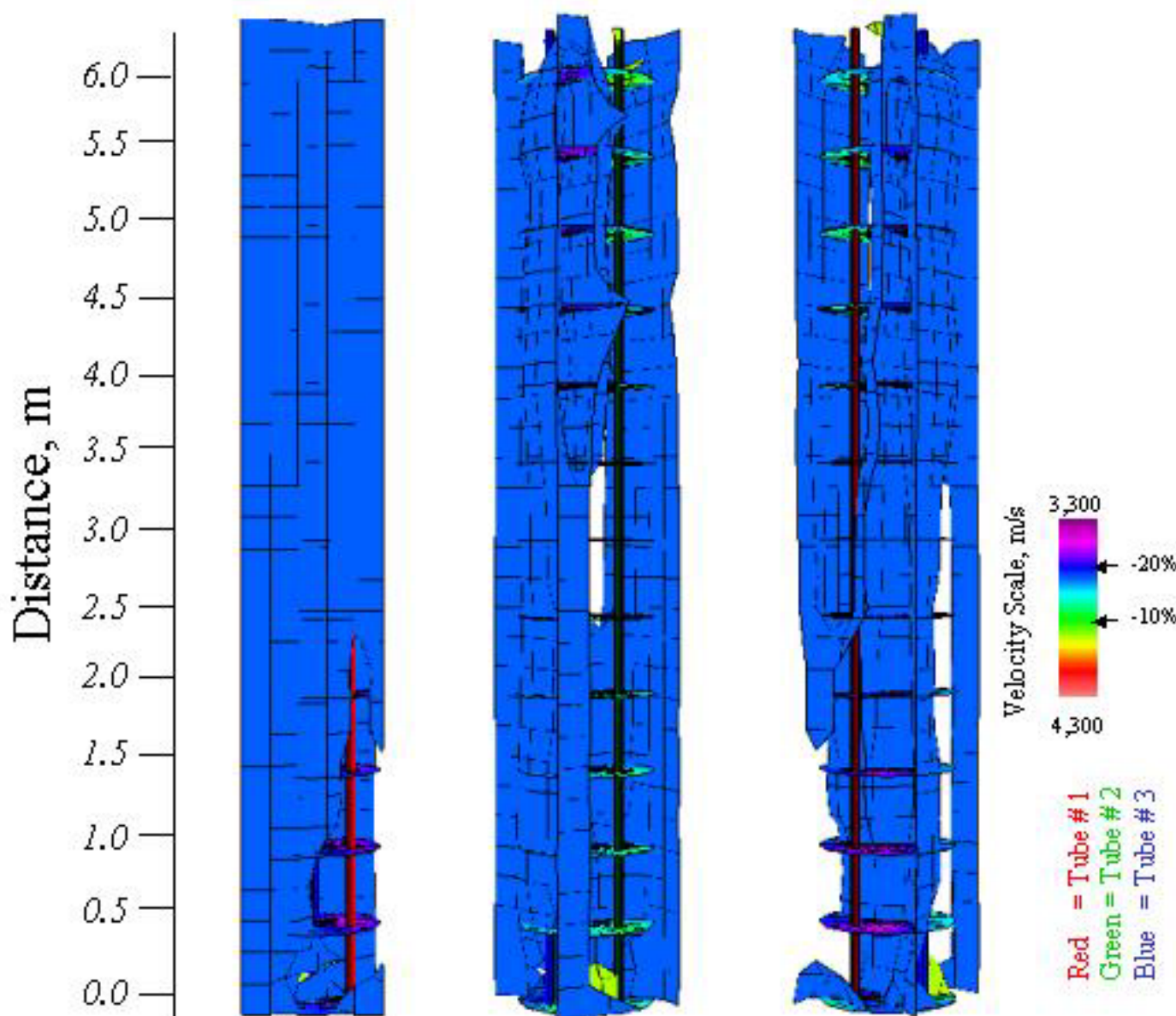
OFFSET = -450 mm, 0 mm, +450 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



Rotated Tomographic Images showing the 3-D contours of the Max., 10% & 20% Velocities

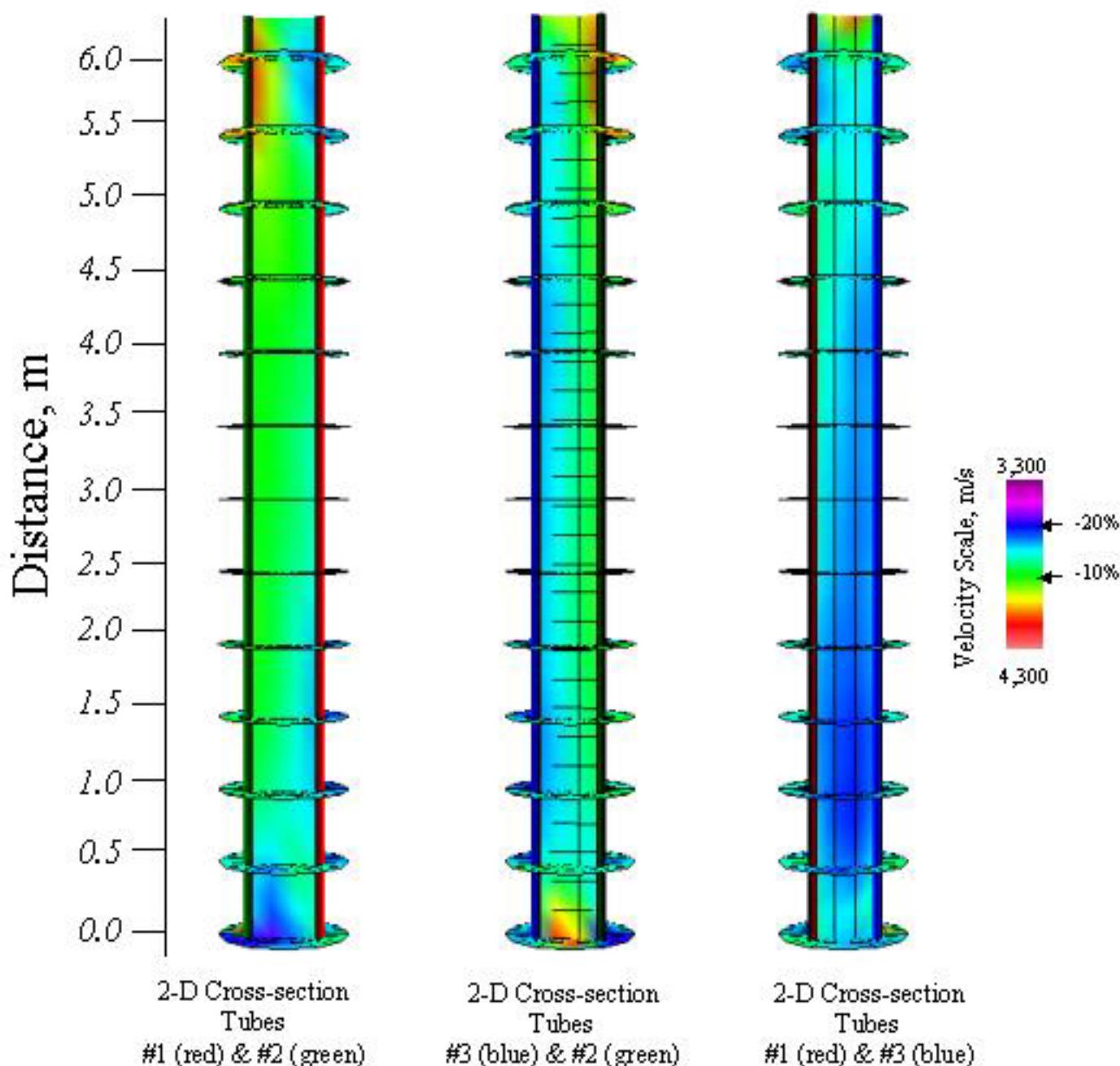
OFFSET = -450 mm, 0 mm, +450 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



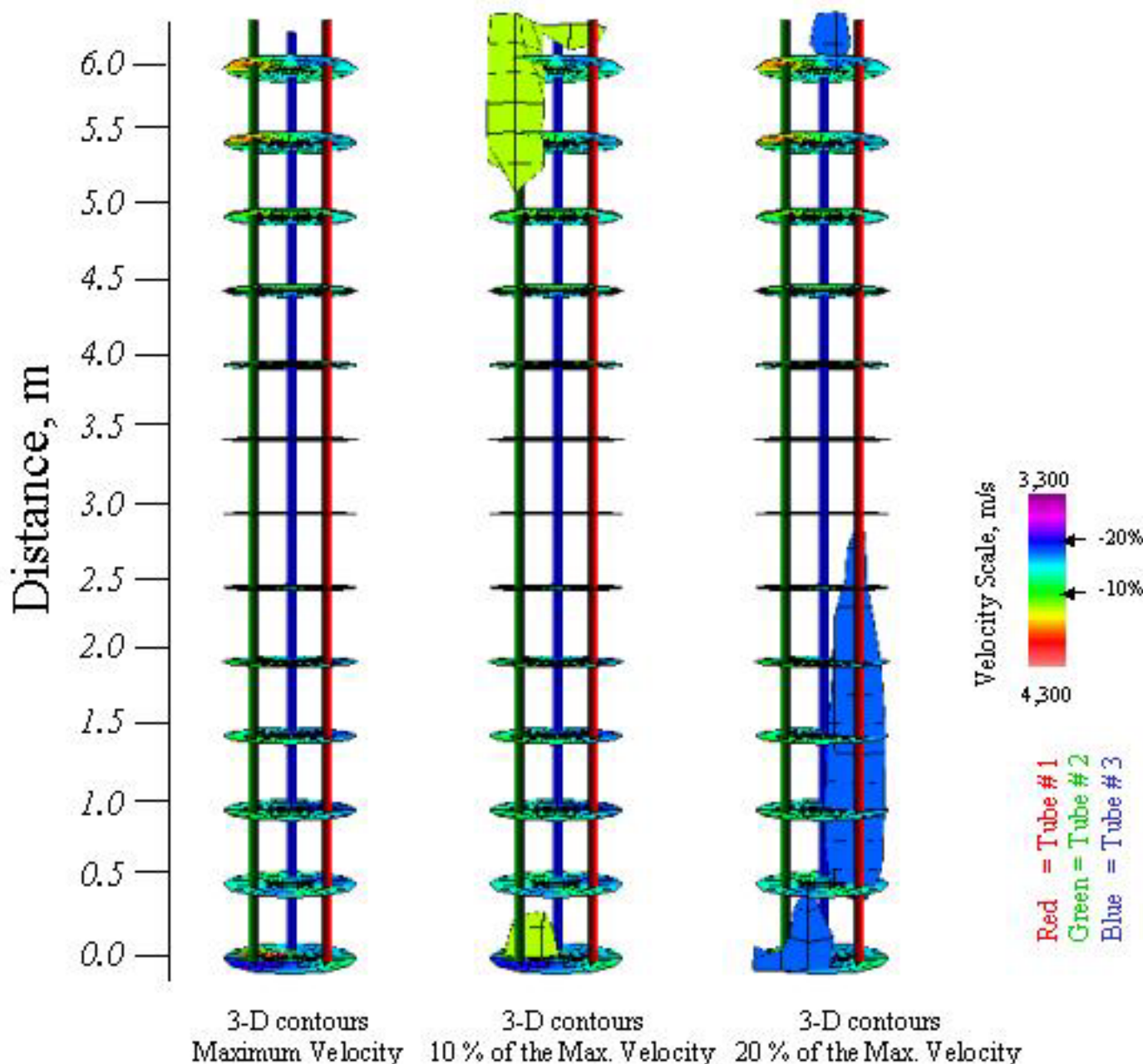
OFFSET = -1,200 mm, -900 mm, 0 mm, +900 mm, +1,200 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



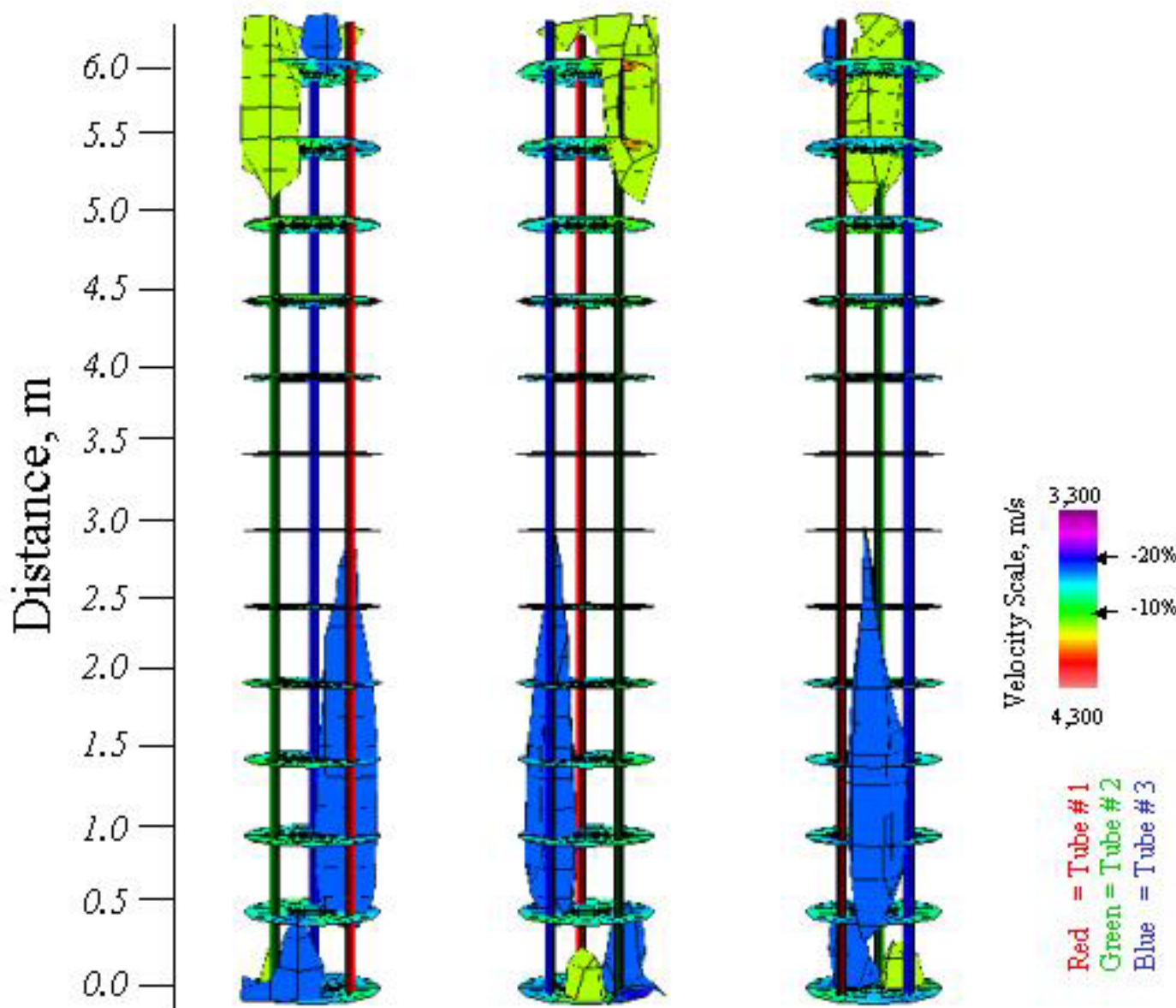
OFFSET = -1,200 mm, -900 mm, 0 mm, +900 mm, +1,200 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



Rotated Tomographic Images showing the 3-D contours of the Max., 10% & 20% Velocities

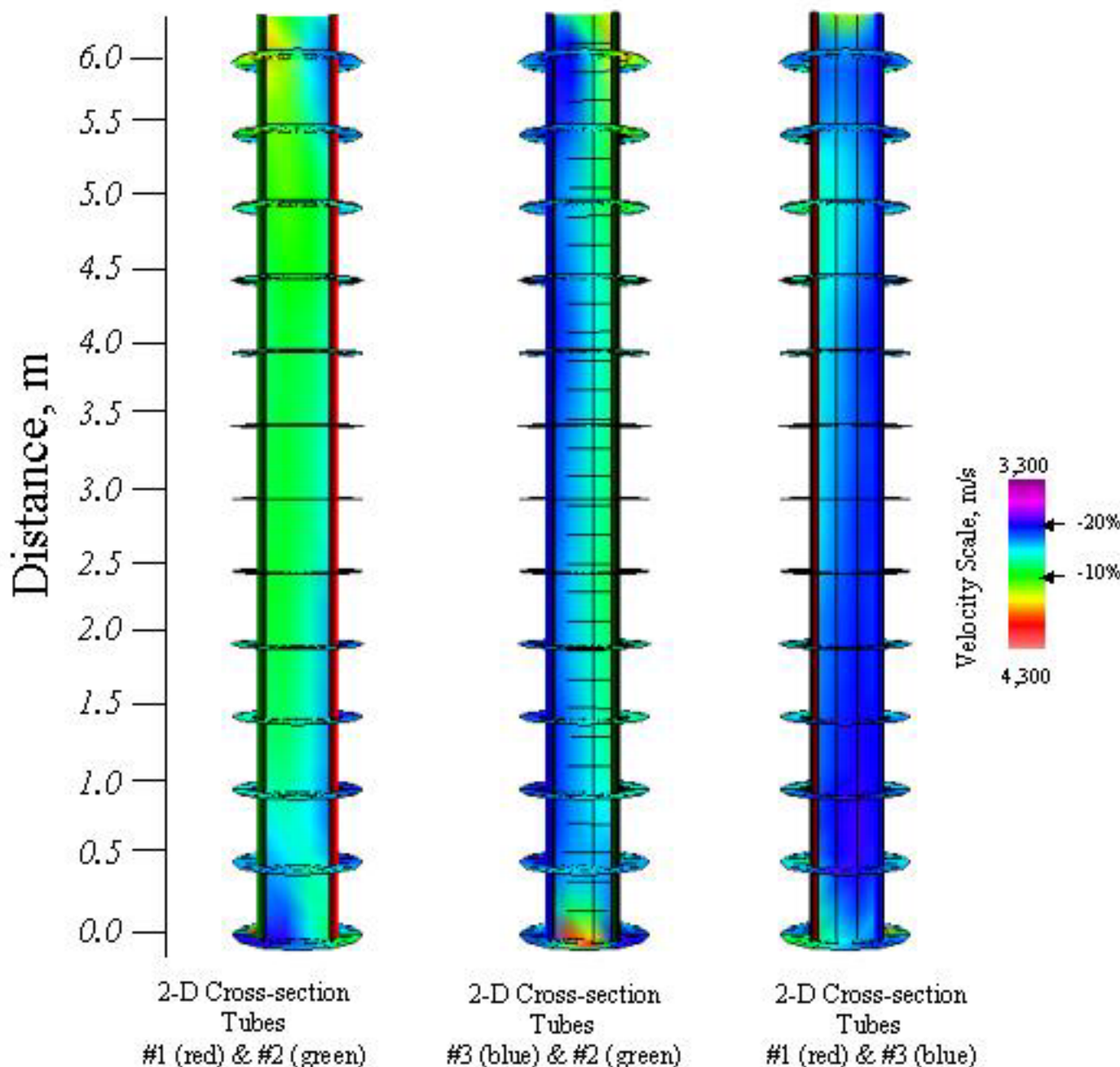
OFFSET = -1,200 mm, -900 mm, 0 mm, +900 mm, +1,200 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2

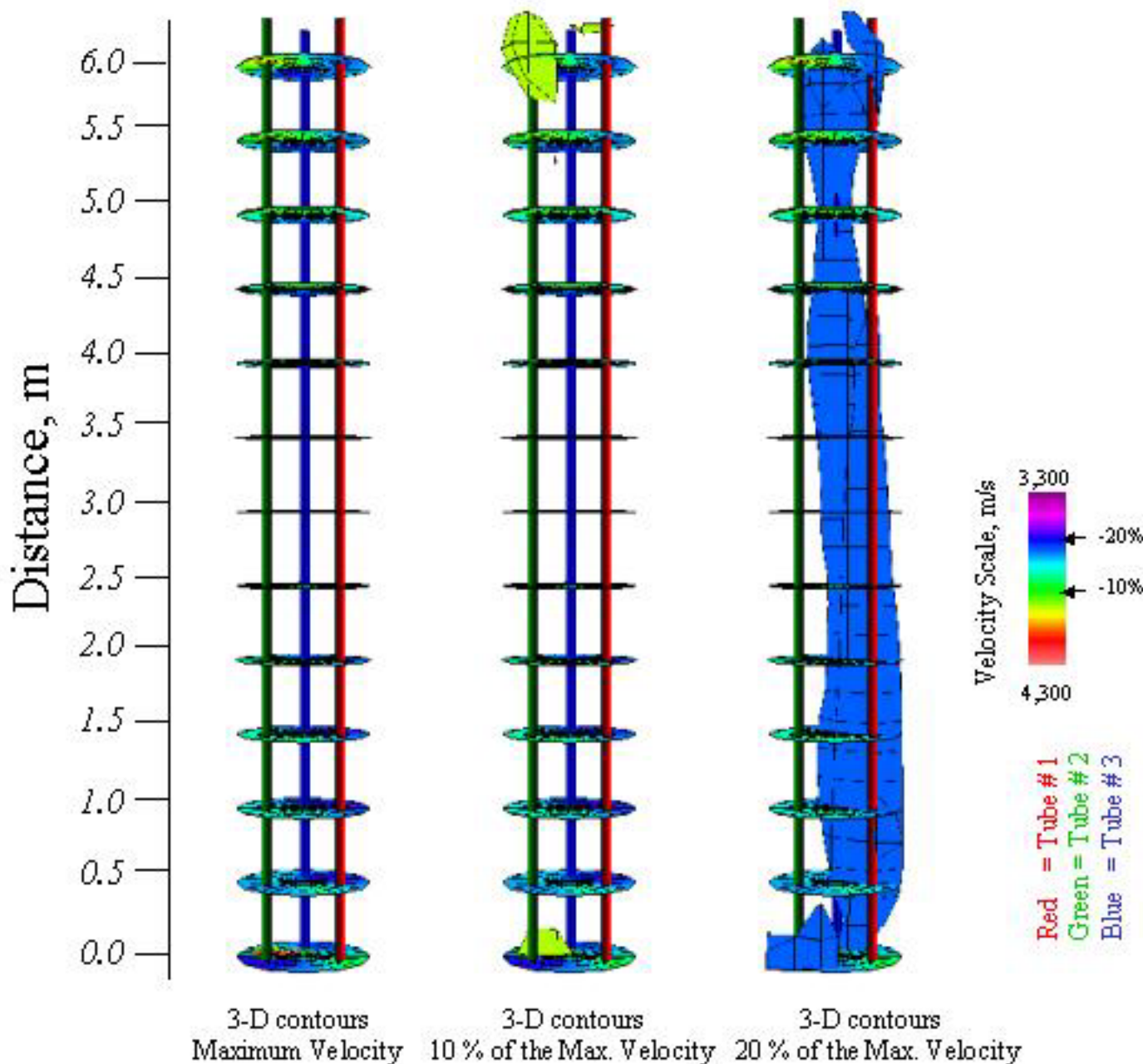


OFFSET = -1,200 mm, -900 mm, -450 mm,
0 mm, +450 mm, +900 mm, +1,200 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF Abutment 1 Shaft 2

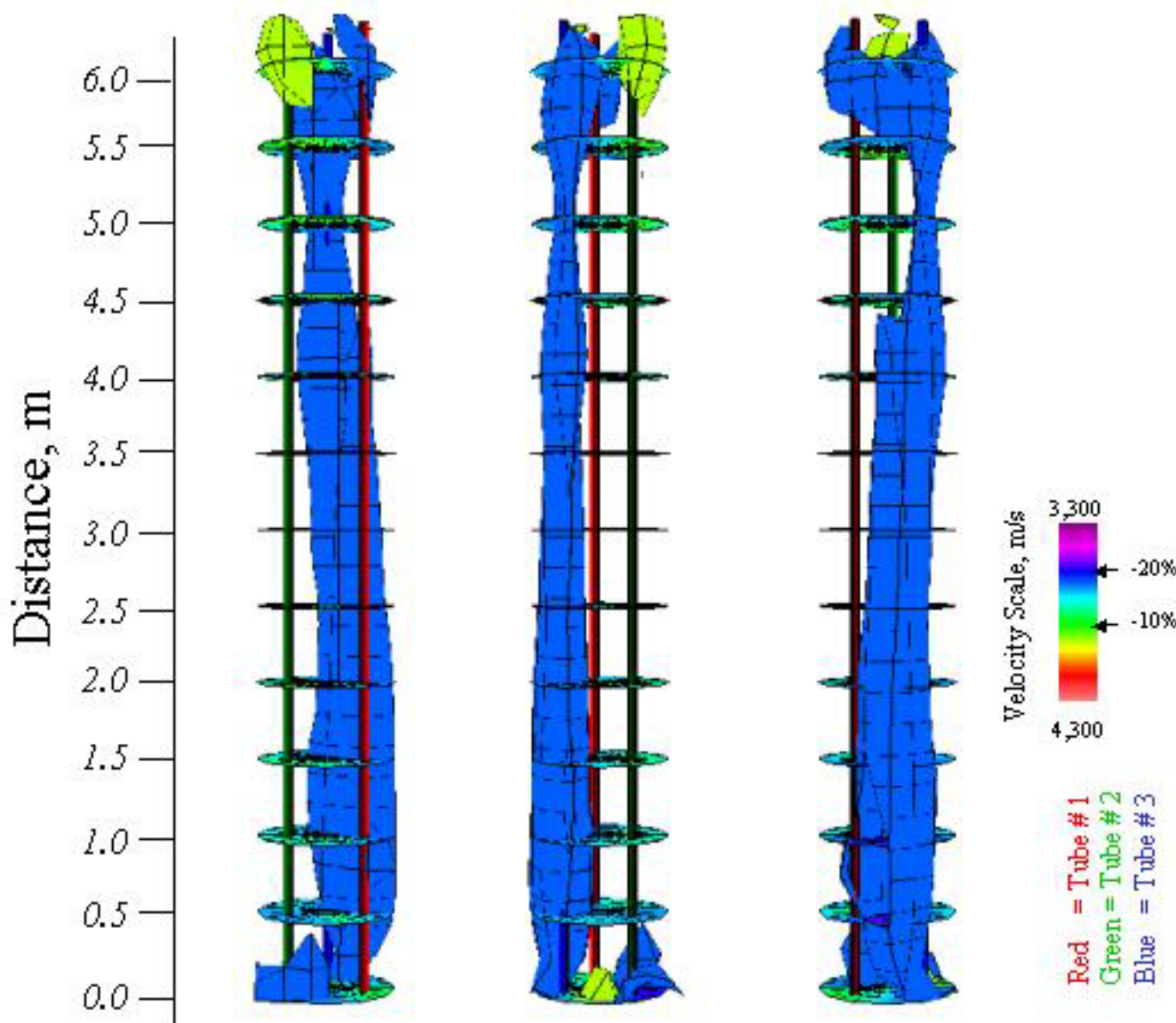


OFFSET = -1,200 mm, -900 mm, -450 mm,
0 mm, +450 mm, +900 mm, +1,200 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF Abutment 1 Shaft 2



Rotated Tomographic Images showing the 3-D contours of the Max., 10% & 20% Velocities

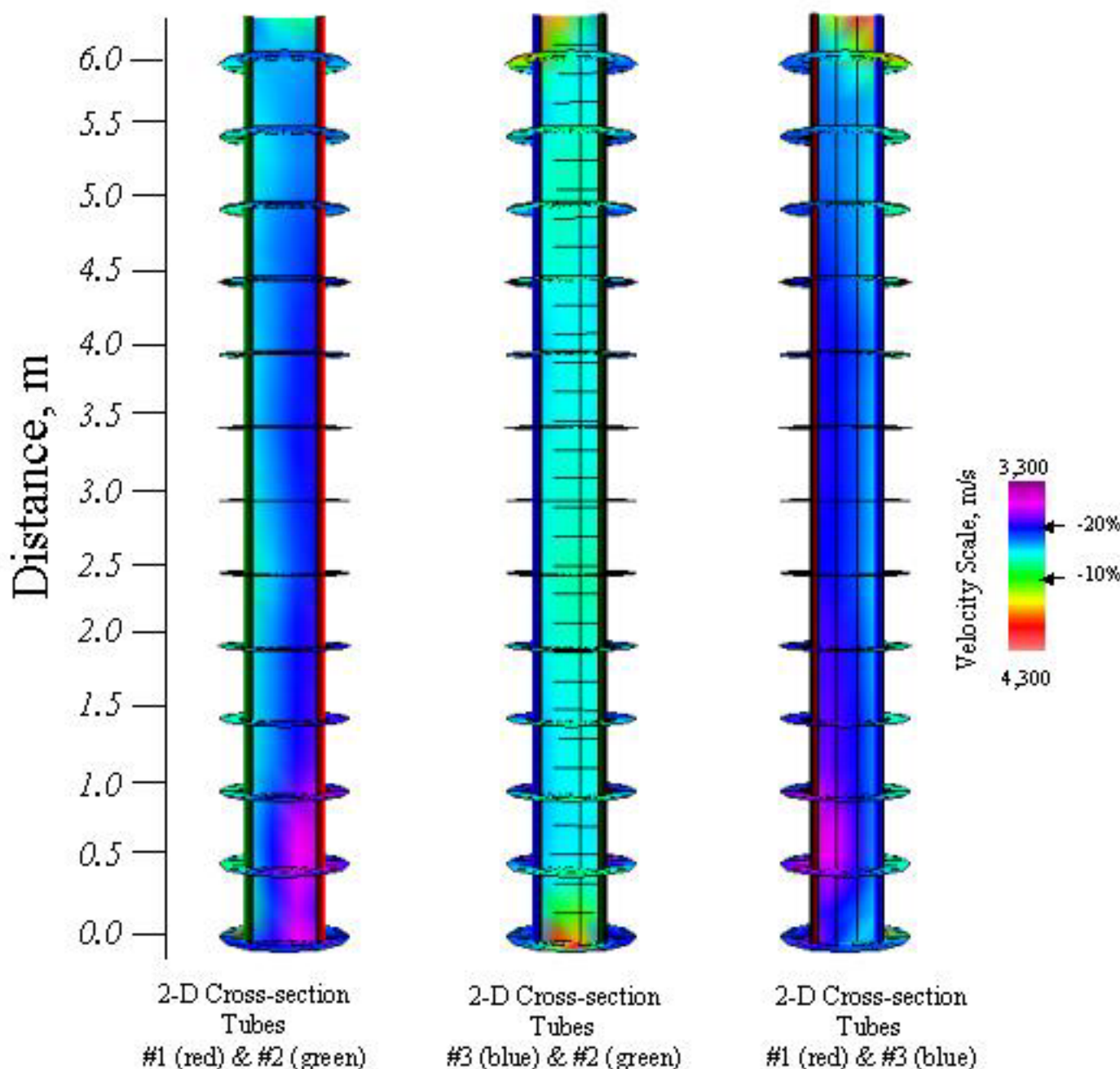
OFFSET = -1,200 mm, -900 mm, -450 mm,
0 mm, +450 mm, +900 mm, +1,200 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



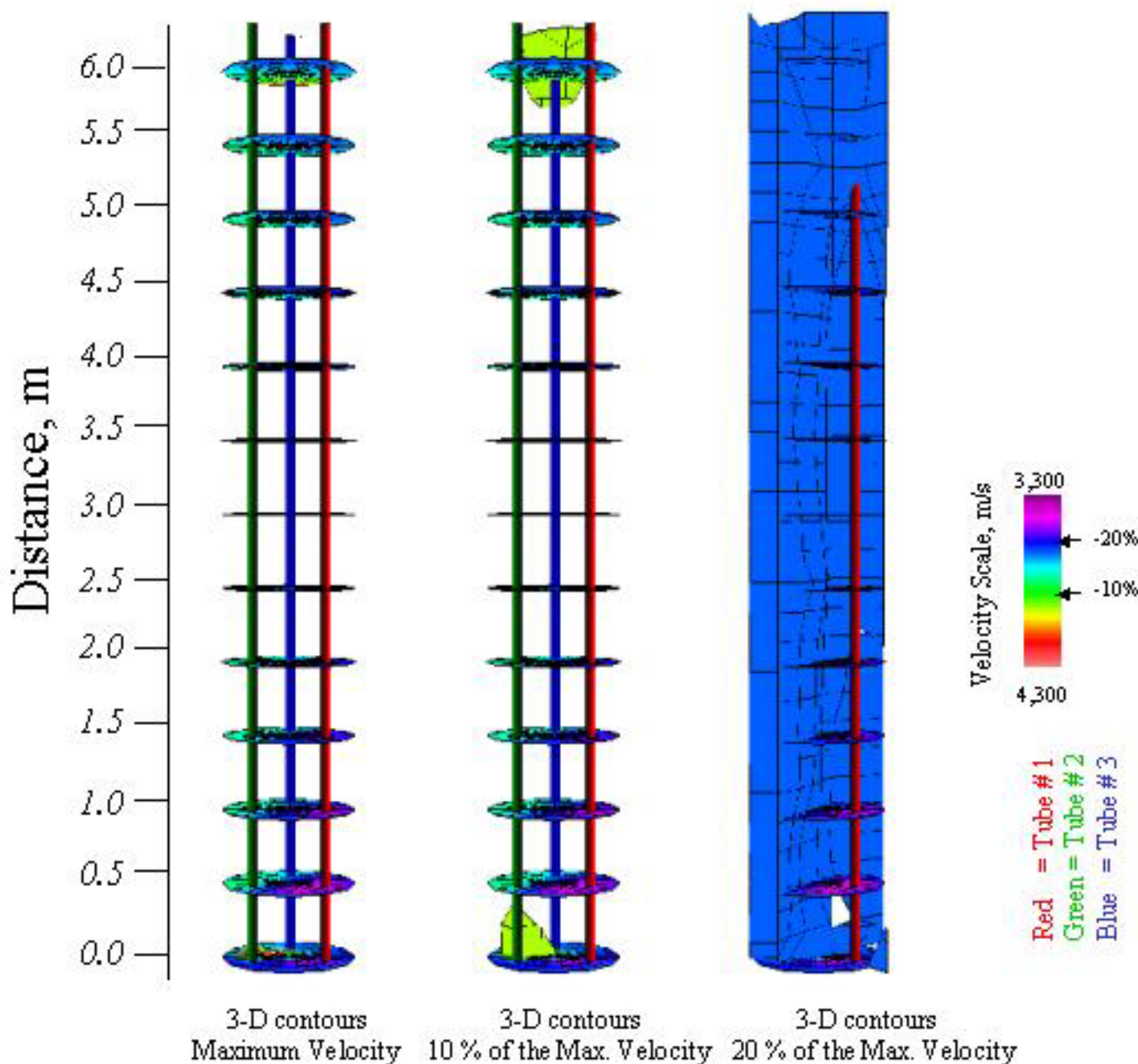
OFFSET = -1,200 mm, -900 mm, -450 mm, 0 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



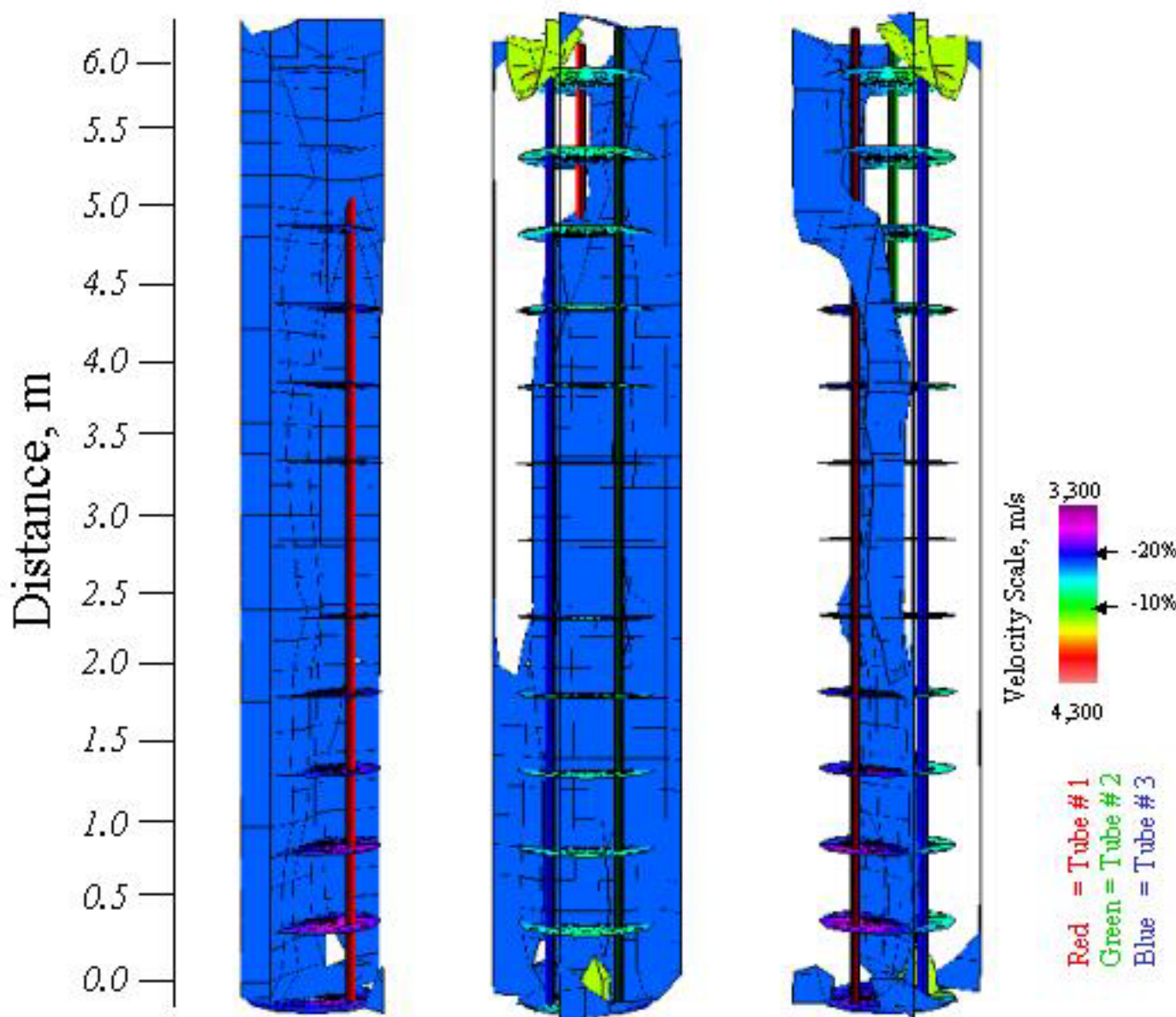
OFFSET = -1,200 mm, -90 mm, -450 mm, 0 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



Rotated Tomographic Images showing the 3-D contours of the Max., 10% & 20% Velocities

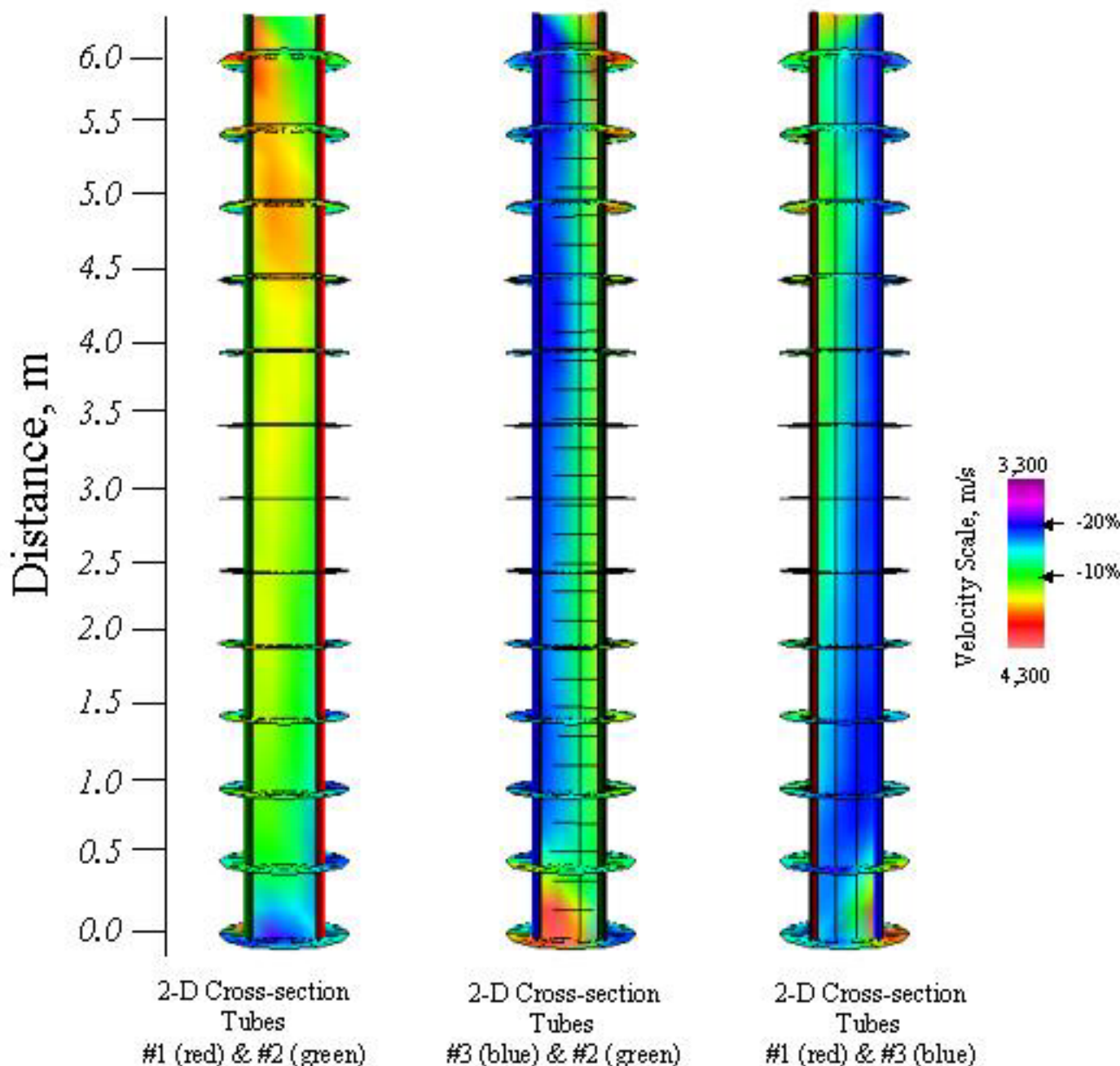
OFFSET = -1,200 mm, -90 mm, -450 mm, 0 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



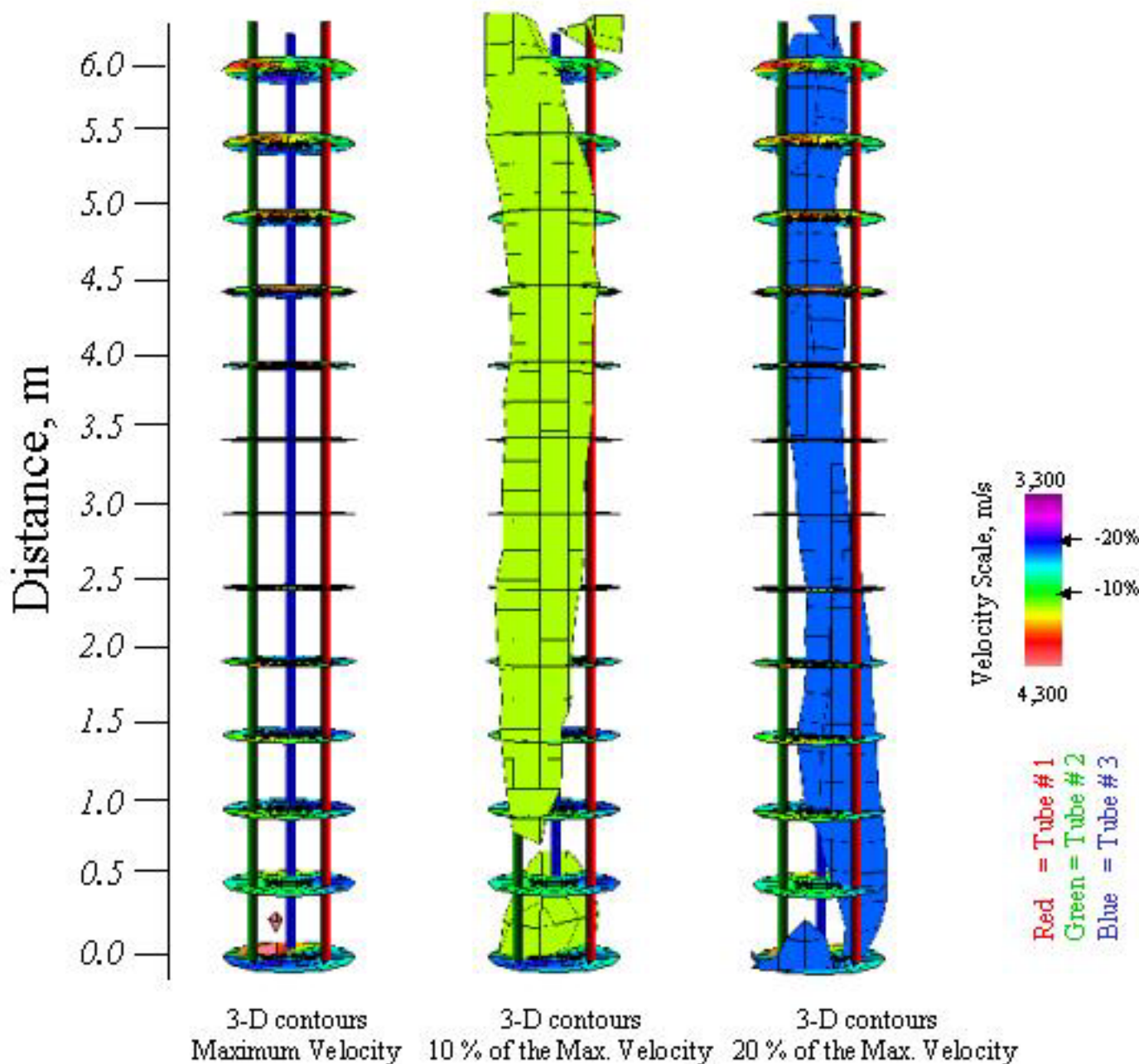
OFFSET = 0 mm, +450 mm, +900 mm, +1,200 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



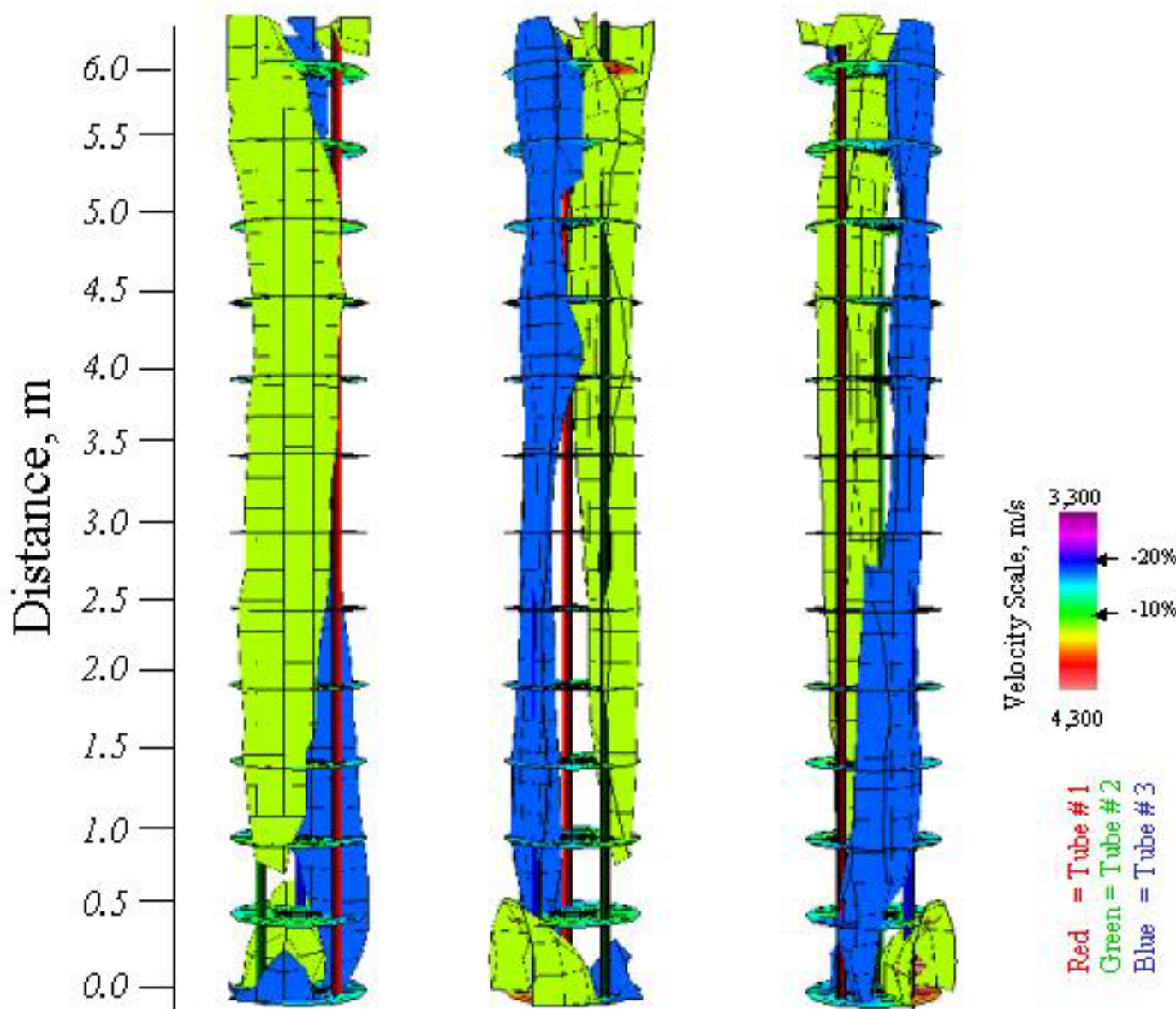
OFFSET = 0 mm, +450 mm, +900 mm, +1,200 mm

Carson River Bridge

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



Rotated Tomographic Images showing the 3-D contours of the Max., 10% & 20% Velocities

OFFSET = 0 mm, +450 mm, +900 mm, +1,200 mm